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SIXTY-EIGHTH

# ANNUAL REPORT

OF THE

## Medical Officer of Health

1948.

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COUNTY BOROUGH OF TYNEMOUTH

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SIXTY-EIGHTH

ANNUAL REPORT

OF THE

Medical Officer of Health

1948.



**County Borough of Tynemouth**  
**HEALTH COMMITTEE.**

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THE MAYOR—Councillor W. R. FORSTER.

**Chairman :**

Councillor W. LITTLE.

**Deputy Chairman :**

Councillor Mrs. A. SOUTHWORTH.

**Members :**

Alderman	JACKSON, J.P.	Councillor	HAILS.
Councillor	ANDERSON.	„	LISLE, J.P.
„	BALLS, Miss N., J.P.	„	MILES, Mrs. M. E.
„	BARBER, Mrs. M.*	„	PARK.
„	BATTY, J.P.	„	RICHARDSON.
„	CHEYNE.	„	RUTHERFORD.
„	CRAWSHAW.	„	TURNBULL.†
„	DOLBY, Mrs. E. R.		

\* Resigned 30.9.1948.

† Appointed 9.11.1948.

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R. H. DAWSON, M.B., Ch.B., D.P.H. (Edinburgh).

Medical Officer of Health, and  
Chief Medical Officer to the Education Authority.



# STAFF OF THE PUBLIC HEALTH DEPARTMENT.

—:o:—

## MEDICAL AND DENTAL STAFF.

Medical Officer of Health :	R. H. DAWSON, M.B., Ch.B., D.P.H.
Deputy Medical Officer of Health :	*R. M. WHITE, M.B., Ch.B., D.P.H.
Assistant Medical Officer of Health :	A. G. SCOTT, M.B., Ch.B., D.P.H.
Maternity and Child Welfare Medical Officer :	MARGARET B. STEEL, M.B., Ch.B., D.P.H.
Dental Officer :	R. W. ESSENHIGH, L.D.S.

## CLERICAL STAFF.

Chief Clerk :	W. R. MILLER.
Senior Clerk :	G. G. ELLIS.
Clerks :	B. O. BLAGBURN.
	W. SIMPSON (Appointed 1.11.48).
	Miss J. FAIRLESS (Appointed 22.11.48).
Senior Typist :	Miss M. LAMBERT.
Typists :	Miss J. BLACK.
	Miss M. KASSELL.

## SANITARY INSPECTION STAFF.

Senior Sanitary Inspector :	C. A. MURRAY, Cert. S.I.B., Cert. Meat Inspection.
Deputy Senior Sanitary Inspector :	J. E. HALL, Cert. R.S.I., Cert. Meat Inspection.
Sanitary Inspectors :	L. MORALEE, Cert. R.S.I.
	S. WHITFIELD, Cert. R.S.I., Cert. Meat Inspection (Resigned 22.9.48).
	N. GODFREY, Cert. R.S.I. (appointed 26.1.48. Resigned 30.11.48).
	R. C. NICHOLSON, Cert. R.S.I.
	E. McNEIL, Cert. R.S.I. (Appointed from clerical staff, 29.9.48).
Disinfectors :	B. NEWHAM.

## NURSING STAFF.

Superintendent Nursing Officer :	M. A. HEY, H.V. Cert., S.R.N., S.C.M., S.F.N. (Appointed 1.9.48).
Maternity and Child Welfare Health Visitors :	E. J. MARSHALL, H.V. Cert., S.R.N., S.C.M.
	V. PARKER, S.C.M.
	I. GREEN, H.V. Cert., S.R.N., S.C.M. (Resigned 30.9.48).
	E. STEVENSON, H.V. Cert., S.R.N., S.C.M.
	M. BATEY, H.V. Cert., S.R.N., S.C.M.
	A. I. MOONEY, H.V. Cert., S.R.N., S.C.M. (Appointed 4.10.48).
Tuberculosis Health Visitors :	* M. IRVING, S.R.N., S.C.M.
	A. TINDLE, S.R.N., S.C.M.
Municipal Midwives :	E. FANTHORPE, S.C.M. (Retired 21.2.48).
	M. HALL, S.R.N., S.C.M.
	M. HAWKES, S.C.M.
	M. KANE, S.C.M.
	E. MOONEY, S.C.M.
	G. SMILES, S.C.M. (temp.).
	M. MARTIN, S.C.M.
	N. TEMPERLEY, S.R.N., S.C.M.
	T. M. RAMSHAW, S.C.M.

**STAFF OF THE PUBLIC HEALTH DEPARTMENT.—cont.**

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District Nurses :

‡ J. A. WAKE, S.R.N., S.C.M.  
‡ M. RICHMOND, S.R.N.  
‡ M. LOGGAN, S.R.N., S.C.M., S.F.N.  
‡ C. THOMSON, S.R.N.  
‡ A. ROWLEY, S.E.A.N.  
D. MILLER, S.R.N. (Appointed 12.7.48),

**DULY AUTHORISED OFFICERS.**

B. O. BLAGBURN.  
Miss M. A. HEY.  
W. R. MILLER.

**MENTAL WELFARE INVESTIGATION OFFICER.**

† Miss I. SIDDALL.

**LOVAINE DAY NURSERY.**

Matron :

E. HAWKES, S.R.N., R.F.N.

**MOOR PARK INFECTIOUS DISEASES HOSPITAL.**

Matron :

Miss K. ROBINSON. (Retired 26.5.48).  
\*Miss I. TIPPER. (Appointed 27.5.48).

**FRATER MATERNITY HOME.**

Matron (Part-time) :

\*Miss C. CORNEY.

Sister :

\*E. R. IRVING, S.C.M.

\* Transferred to Newcastle upon Tyne Regional Hospital Board.

† Transferred from Town Clerk's Department 5.7.48.

‡ Transferred from Tynemouth and District Nursing Association 5.7.48.

PUBLIC HEALTH DEPARTMENT,  
TYNEMOUTH.

September, 1949.

*To the Mayor, Aldermen and Councillors of the  
County Borough of Tynemouth.*

YOUR WORSHIP, LADIES AND GENTLEMEN;

I have the honour to present my Annual Report upon the health and sanitary conditions of this Borough, for the year 1948.

Whilst more comprehensive details are given throughout the pages of this report, I wish to draw your attention to certain of the main features of the vital statistics of the Borough.

The birth rate of 19.54 per thousand of the population shows a decrease against that of 1947 (22.02). The death rate has increased from 11.86 per thousand of the population in 1947 to 12.11 in 1948.

Notifications of new cases of tuberculosis showed a slight decrease, there being 97 cases in 1948, as against 100 in 1947.

At December, 1948, approximately 71% of the child population of the Borough had been immunised against diphtheria, this being a similar percentage to that of 1947.

The most notable administrative feature of the year under review, was the introduction of the provisions of the National Health Service Act, 1946, which became operative on the 5th July, 1948.

From that date, services previously administered by the Local Authority, but scheduled to be transferred to the Regional Hospital Board, namely, Preston Hospital, Moor Park I.D. Hospital, the Frater Maternity Home, the Venereal Diseases and Tuberculosis Services, continued to be administered for varying periods by the Local Authority, on an agency basis.

Duties delegated to the Council as a Local Health Authority, in respect of the provision of the services included in Parts III and V of the Act, were discharged with little or no difficulty, principally through modification and extension of services which had existed previously.

Routine sanitary inspection has been maintained throughout the year, as will be seen from a study of the Senior Sanitary Inspector's report, commencing at page 34.

In conclusion, I wish to take this opportunity of expressing my thanks to the Chairman and members of the Health Committee, and to all members of my staff, for their valuable support and keen interest taken in the general administration of the Department.

I have the honour to remain,

Your obedient Servant,

R. H. DAWSON,

*Medical Officer of Health.*



# ANNUAL REPORT, 1948.

## STATISTICAL AND SOCIAL CONDITIONS OF THE AREA.

### SOCIAL CONDITIONS.

Area (Acres) (Exclusive of 80 Acres covered by inland water)...	4,604
Population (1931 Census) ... ..	64,922
Population (Estimated 1948 by Registrar General) ... ..	66,050
Total dwellings (occupied and vacant) 1931 census ... ..	13,635
Number of private families therein. 1931 Census ... ..	16,079
"    "    "    "    "    "    1948 Register ... ..	19,094
Average number of persons per family. 1931 Census ... ..	3.86
"    "    "    "    "    "    1948 Register ... ..	3.41
Rateable Value (1st April, 1948) ... ..	£438,779
Sum represented by a penny rate (1947/48) ... ..	£1,777

### VITAL STATISTICS FOR THE YEAR 1948.

#### Marriages and Births.

Number of Marriages ... ..	617
Total LIVE BIRTHS (Registrar General's figures) ... ..	1,291

Compiled as follows :—

	<i>Males.</i>	<i>Females.</i>
Legitimate ... ..	651	577
Illegitimate ... ..	35	28
	<hr/> 686	<hr/> 605

The NETT TOTAL LIVE BIRTHS assignable to the Borough as above (1,291) gives an ANNUAL LIVE BIRTH RATE of 19.54 per 1,000 of the population.

The LIVE BIRTH RATE for England and Wales was 17.9 per 1,000 of the population.

STILLBIRTHS during the year totalled ... .. 34

Compiled as follows :—

	<i>Males.</i>	<i>Females.</i>
Legitimate ... ..	13	19
Illegitimate ... ..	1	1
	<hr/> 14	<hr/> 20

The STILLBIRTH RATE for the Borough was 25.66 per 1,000 births.

The STILLBIRTH RATE per 1,000 of the population for the Borough equalled 0.51.

The STILLBIRTH RATE per 1,000 of the population for England and Wales equalled 0.42.

The Percentage of ILLEGITIMATE LIVE BIRTHS to the total live births for the Borough equalled 4.88.

### DEATHS.

DEATHS assignable to the Borough during the year totalled ... 800

Compiled as follows :—

<i>Males.</i>	<i>Females.</i>
418	382

The DEATH RATE per 1,000 of the population for the Borough equalled 12.11.

The DEATH RATES per 1,000 of the population for England and Wales, and the Great Towns were 10.8 and 11.6 respectively.

### INSTITUTIONAL DEATHS.

Deaths of persons belonging to the Borough which occurred in PUBLIC INSTITUTIONS were as follows :— ... ..

Preston Hospital ... ..	164
Tynemouth Victoria Jubilee Infirmary ...	50
Frater Maternity Home ... ..	Nil
Moor Park Isolation Hospital ... ..	17
Priory Nursing Home ... ..	3
Other Institutions outside the Borough....	54

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288

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36% of all deaths of residents of the Borough took place in Public Institutions,

**Registrar-General's List of Causes of Death at different periods  
of life in the County Borough of Tynemouth during 1948.**

**MALES.**

Short List No.	Causes of Death.	Under 1 Year.	1 to 5	5 to 15	15 to 45	45 to 65	65 and over.	Total all Ages.
1	Typhoid and Paratyphoid Fever	—	—	—	—	—	—	—
2	Cerebro-spinal Fever	—	—	—	—	—	—	—
3	Scarlet Fever	—	—	—	—	—	—	—
4	Whooping Cough	—	—	—	—	—	—	—
5	Diphtheria	—	1	—	—	—	—	1
6	Tuberculosis of Respiratory System	—	—	—	11	10	2	23
7	Other Forms of Tuberculosis	1	1	1	3	1	—	7
8	Syphilitic Disease	—	—	—	2	4	—	6
9	Influenza	—	—	—	—	—	—	—
10	Measles	—	—	—	—	—	—	—
11	Acute Poliomyelitis and Polioencephalitis	—	—	—	—	—	—	—
12	Acute Infectious Encephalitis	—	—	—	—	—	—	—
13	Cancer of Buccal Cavity and Oesophagus	—	—	—	—	2	2	4
14	Cancer of Stomach and Duodenum	—	—	—	1	8	8	17
16	Cancer of all other sites	—	—	—	2	15	23	40
17	Diabetes	—	—	—	—	—	1	1
18	Intra-cranial Vascular Lesions	—	—	—	—	11	32	43
19	Heart Disease	—	—	—	7	26	93	126
20	Other Diseases of the Circula- tory System	—	—	—	2	6	9	17
21	Bronchitis	—	—	—	1	11	6	18
22	Pneumonia	9	—	—	3	4	2	18
23	Other Respiratory Diseases	—	—	—	1	5	4	10
24	Ulceration of the Stomach or Duodenum	—	—	—	—	4	6	10
25	Diarrhoea (under 2 years of age)	4	—	—	—	—	—	4
26	Appendicitis	—	—	—	—	—	—	—
27	Other Digestive Diseases	1	—	—	1	6	2	10
28	Nephritis	—	—	—	—	3	3	6
31	Premature Birth	9	—	—	—	—	—	9
32	Congenital Malformation, Birth Injury and Infantile Diseases	12	1	—	1	—	—	14
33	Suicide	—	—	—	—	4	1	5
34	Road Traffic Accidents	—	—	2	1	1	—	4
35	Other Violent Causes	1	1	—	3	1	3	9
36	All Other Causes	2	—	1	1	4	8	16
	Totals All Causes	39	4	4	40	126	205	418

Deaths under one year of age :—

Legitimate male children ... 36.

Illegitimate male children ... 3.



**Registrar-General's List of Causes of Death at different periods  
of life in the County Borough of Tynemouth during 1948.**

**FEMALES.**

Short List No.	Causes of Death.	Under 1 Year.	1 to 5	5 to 15	15 to 45	45 to 65	65 and over.	Total all Ages.
1	Typhoid and Paratyphoid Fevers ... ..	—	—	—	—	—	—	—
2	Cerebro-Spinal Fever... ..	—	—	—	—	—	—	—
3	Scarlet Fever ... ..	—	—	—	—	—	—	—
4	Whooping Cough ... ..	2	—	—	—	—	—	2
5	Diphtheria ... ..	—	1	—	—	—	—	1
6	Tuberculosis of Respiratory System ... ..	—	—	—	23	1	—	24
7	Other Forms of Tuberculosis... ..	—	1	1	3	—	—	5
8	Syphilitic Disease ... ..	—	—	—	—	1	—	1
9	Influenza ... ..	—	—	—	—	—	—	—
10	Measles ... ..	—	—	—	—	—	—	—
11	Acute Poliomyelitis and Polioencephalitis ... ..	—	—	—	—	—	—	—
12	Acute Infectious Encephalitis	—	—	—	—	—	—	—
13	Cancer of Uterus ... ..	—	—	—	2	5	1	8
14	Cancer of Stomach and Duodenum ... ..	—	—	—	1	5	6	12
15	Cancer of Breast ... ..	—	—	—	—	3	5	8
16	Cancer of all other sites ... ..	—	—	—	3	13	19	35
17	Diabetes ... ..	—	—	—	—	1	2	3
18	Intra-cranial Vascular Lesions	—	—	—	—	11	30	41
19	Heart Disease ... ..	—	—	1	7	14	110	132
20	Other Diseases of the Circula- tory System ... ..	—	—	—	2	3	12	17
21	Bronchitis ... ..	—	—	—	—	1	5	6
22	Pneumonia ... ..	8	1	—	—	2	2	13
23	Other Respiratory Diseases ... ..	—	—	—	—	2	—	2
24	Ulceration of the Stomach or Duodenum ... ..	—	—	—	—	2	1	3
25	Diarrhoea (under 2 years of age)	2	—	—	—	—	—	2
26	Appendicitis ... ..	—	—	—	1	—	—	1
27	Other Digestive Diseases ... ..	—	—	—	—	2	4	6
28	Nephritis ... ..	—	—	—	1	3	8	12
29	Puerperal and Post-Abortive Sepsis ... ..	—	—	—	—	—	—	—
30	Other Maternal Causes ... ..	—	—	—	2	—	—	2
31	Premature Birth ... ..	1	—	—	—	—	—	1
32	Congenital Malformation, Birth Injury and Infantile Diseases	7	—	1	—	—	—	8
33	Suicide ... ..	—	—	—	—	4	1	5
34	Road Traffic Accidents ... ..	—	—	1	—	—	—	1
35	Other Violent Causes ... ..	2	—	1	—	—	4	7
36	All Other Causes ... ..	1	—	1	6	5	11	24
	Totals All Causes ... ..	23	3	6	51	78	221	382

Deaths under one year of age :—

Legitimate female children ... 21.

Illegitimate female children ... 2.

## PRINCIPAL CERTIFIABLE CAUSES OF DEATH.

No. of Deaths.      Proportion of Deaths per 1,000 Deaths from all causes.

### Diseases of Circulatory System.

Disease of the heart ... ..	258	322.50
Intra-cranial Vascular Lesions	84	105.00
Other Circulatory Diseases ...	34	42.50

### Respiratory Diseases.

Pneumonia ... ..	31	38.75
Influenza ... ..	Nil	Nil
Bronchitis ... ..	24	30.00
Other Respiratory Diseases ...	34	42.50

### Tuberculosis.

All forms ... ..	59	73.75
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### Cancer and Malignant Diseases.

All forms ... ..	124	155.00
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Deaths from all causes      Total      800

## MATERNAL MORTALITY.

### COMPARATIVE TABLE OF MATERNAL DEATHS FOR PAST 10 YEARS.

Year.	Births.	Birth Rate.	TYNEMOUTH.		England and Wales Maternal Mortality per 1,000 live and stillbirths.
			No. of Maternal Deaths (R.G.)	Maternal Mortality per 1,000 live and stillbirths.	
1939	1,119	16.70	2	1.74	2.93
1940	1,060	17.74	6	5.47	2.16
1941	897	15.95	3	3.21	3.87
1942	908	16.97	2	2.08	2.08
1943	1,019	19.45	2	1.96	2.29
1944	1,252	21.90	0	0.00	1.93
1945	1,144	19.47	2	1.75	1.79
1946	1,358	21.32	0	0.00	1.43
1947	1,433	22.02	5	3.39	1.17
1948	1,291	19.54	2	1.51	1.02
Average of 10 years.	1,148	19.10	2.4	2.11	2.06



A five-yearly average, set out below, shows the progressive decline in the number of Maternal Deaths.

<i>Period.</i>					<i>Average.</i>
1910/14	...	...	...	...	8.8
1915/19	...	...	...	...	8.0
1920/24	...	...	...	...	4.8
1925/29	...	...	...	...	5.8
1930/34	...	...	...	...	6.2
1935/39	...	...	...	...	3.2
1940/44	...	...	...	...	2.6

In 1945, 1946, 1947 and 1948, there was a total of nine Maternal Deaths which gives a yearly average of 2.25.

#### **NEO-NATAL MORTALITY.**

30 NEO-NATAL DEATHS of residents gave a Mortality Rate (of infants under one month of age per 1,000 live births), of 23.23. 21 of these deaths occurred in Institutions.

#### **INFANTILE MORTALITY RATES OF CHILDREN UNDER ONE YEAR OF AGE.**

Deaths of resident infants under one year of age totalled 61, which gives an INFANTILE MORTALITY RATE of 47.25 deaths per 1,000 live births.

The INFANTILE MORTALITY RATES for England and Wales and for the Great Towns were 34 and 39 respectively.

Death Rates of resident Legitimate Infants, per 1,000	
legitimate live births	47
Death Rates of resident Illegitimate Infants, per 1,000	
illegitimate live births	63

# BIRTHS AND DEATHS STATISTICS DURING 1948 AND PREVIOUS YEARS.

Year.	Births.		Total Deaths Registered in the District.		Transferable Deaths.		Nett Deaths belonging to the District.			
	Nett.		Number.	Rate per 1,000 of Popula'n	of Non-residents registered in the District.	of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.	
	Number.	Rate per 1,000 of Popula'n					Number	Rate per 1,000 Nett Births.		
1933	1,135	17.25	1,063	16.1	238	48	96	84	873	13.27
1934	1,172	17.77	1,022	15.5	229	47	85	77	840	12.73
1935	1,201	17.38	1,033	15.3	255	46	76	63	824	12.23
1936	1,209	18.10	1,022	15.3	286	37	78	65	773	11.57
1937	1,087	16.25	1,135	16.9	323	46	72	66	858	12.83
1938	1,104	16.60	1,054	15.8	307	50	67	61	797	11.98
1939	1,119	16.70	1,038	15.9	303	57	76	68	792	12.14
1940	1,060	17.74	1,139	19.2	299	65	71	67	840	14.06
1941	897	15.95	1,244	22.1	274	96	85	95	1,066	18.95
1942	908	16.97	947	17.5	231	71	84	92	787	14.71
1943	1,019	19.45	1,017	19.4	306	69	78	76	780	14.89
1944	1,252	21.90	1,047	18.3	295	64	83	66	816	14.29
1945	1,144	19.47	1,073	18.3	333	57	78	68	797	13.56
1946	1,358	21.32	1,068	16.8	334	62	82	60	796	12.49
1947	1,433	22.02	964	14.8	251	59	80	56	772	11.86
1948	1,291	19.54	1,008	15.28	277	69	61	47	800	12.11

The following is a table of Statistics relating to the Borough since its incorporation in 1849, illustrating the increase in population and decrease in both birth and death rates.

Year.	Population.	Nett Deaths.	Death Rate per 1,000 of Population.	Nett Births.	Birth Rates per 1,000 of Population.
1849	28,448	—	—	—	—
1871	38,941	—	—	—	—
1873	39,923	929	23.3	1,557	39.0
1874	40,424	1,075	26.6	1,542	38.1
1875	40,932	963	23.5	1,607	39.2
1880	43,533	928	21.3	1,521	34.9
1885	46,600	960	20.2	1,612	33.9
1890	46,403	973	20.9	1,533	33.0
1895	48,632	984	20.2	1,533	31.5
1900	51,038	1,074	21.0	1,649	32.3
1901	51,520	1,007	19.5	1,780	34.5
1902	52,224	1,009	19.3	1,753	33.5
1903	52,938	969	18.3	1,734	32.7
1904	53,661	1,031	19.2	1,851	34.5
1905	54,394	1,066	19.6	1,775	32.6
1906	55,137	1,022	18.5	1,759	31.8
1907	55,891	926	16.5	1,796	32.1
1908	56,654	951	16.8	1,896	33.4
1909	57,428	958	16.7	1,874	32.6
1910	58,223	971	16.6	1,788	30.7
1911	59,008	927	15.7	1,653	28.0
1912	59,809	957	16.0	1,734	28.9
1913	60,601	951	15.6	1,748	28.8
1914	60,688	992	16.3	1,736	28.6
1915	58,199	1,038	17.8	1,549	26.6
1916	57,192	968	16.9	1,573	25.2
1917	57,591	895	15.5	1,416	22.0
1918	55,758	1,141	20.4	1,471	23.5
1919	58,007	1,064	18.3	1,613	26.5
1920	60,541	956	15.8	1,947	32.1
1921	63,900	877	13.7	1,708	26.7
1922	64,640	855	13.2	1,618	25.03
1923	65,330	833	12.75	1,576	24.12
1924	65,940	900	13.64	1,521	23.06
1925	66,180	901	13.61	1,452	21.94
1926	66,560	766	11.5	1,341	20.14
1927	67,080	863	12.86	1,337	19.93
1928	66,030	833	12.62	1,252	18.9
1929	65,880	862	13.08	1,203	18.26
1930	65,880	787	11.94	1,280	19.41
1931	64,720	814	12.57	1,276	19.71
1932	65,630	748	11.4	1,238	18.86
1933	65,770	873	13.27	1,135	17.25
1934	65,950	840	12.73	1,172	17.77
1935	67,350	824	12.23	1,201	17.38
1936	66,800	773	11.57	1,209	18.1
1937	66,880	858	12.83	1,087	16.25
1938	66,510	797	11.98	1,104	16.6
1939	65,220	792	12.14	1,119	16.7
1940	59,730	840	14.06	1,060	17.74
1941	56,240	1,066	18.95	897	15.95
1942	53,500	787	14.71	908	16.97
1943	52,370	780	14.89	1,019	19.45
1944	57,100	816	14.29	1,252	21.90
1945	58,760	797	13.56	1,144	19.47
1946	63,690	796	12.47	1,358	21.32
1947	65,070	772	11.86	1,433	22.02
1948	66,050	800	12.11	1,291	19.54



**SEPARATE OCCUPIERS.**

During 1948, lists of Separate Occupiers were compiled from information obtained from the Civilian Residence Register, and I set out below details shown in Wards.

<i>Ward.</i>	<i>Number of Separate Occupiers.</i>			
Chirton	...	...	...	2,436
Collingwood	...	...	...	2,353
Cullercoats	...	...	...	1,705
Dockwray	...	...	...	2,056
Linskill	...	...	...	1,974
Percy	...	...	...	2,308
Preston	...	...	...	1,931
Trinity	...	...	...	2,234
Tynemouth	...	...	...	2,097

Based on the Registrar-General's estimated population for the year 1948, *i.e.* 66.050, the total Separate Occupiers amounted to 19,094, and this gave a local average of 3.41 persons per family.

## METEOROLOGY.

Air Temperatures, Rainfall and Hours of Sunshine.

LAT. 55° 1' N.

LONG. 1° 25' W.

1948.	Air Temperature in Degrees Fahrenheit.		Rainfall.		Sunshine.	
	Absolute.		Total Fall.	Percentage of average.	Daily Mean.	Percentage of possible.
	Max.	Min.	ins.	%	Hrs.	%
January ..	56	30	6.69	410	1.02	13
February ..	54	29	1.25	91	1.96	20
March ..	65	29	.47	26	4.42	37
April ... ..	65	35	1.20	85	5.40	39
May ... ..	69	35	1.48	74	6.35	39
June ... ..	73	46	2.34	118	6.04	35
July ... ..	80	46	1.61	67	5.17	31
August ... ..	71	48	4.71	171	3.69	25
September ... ..	69	38	2.47	137	3.85	30
October ... ..	66	30	1.65	55	2.49	24
November ... ..	60	28	1.43	67	1.82	22
December ... ..	57	27	1.72	79	1.33	18



**REGISTRATION OF NURSING HOMES.**

There is 1 Nursing Home in the Borough registered under the Public Health Act, 1936. Beds available in this home total 18.

**BLIND PERSONS.**

The total number of blind persons on the Register at the end of the year was 143. Under Section 176 of the Public Health Act, 1936, for the prevention of blindness and for the treatment of eye diseases or injury, 23 primary examinations were carried out, 15 of these cases were found to be blind within the meaning of the Blind Persons Act and 5 were found to be not blind. 3 cases were registered as Partially Blinded. 3 re-examinations were made and these 3 cases were de-certified.

**NATIONAL ASSISTANCE ACT, 1948.**

It was not found necessary during the year to invoke Section 47 of this Act for the removal to suitable premises of persons in need of Care and Attention.

## NATIONAL HEALTH SERVICE ACT, 1946—Part II.

### HOSPITALS AND INSTITUTIONS.

Statistical Table relating to In-Patients from Tynemouth County Borough and Northumberland County from 1st January to 31st December, 1948.

#### Preston Hospital.

1.	Total number of admissions	...	...	...	...	5,108
2.	Number of women confined in Hospital	...	...	...	...	941
3.	Number of live births	...	...	...	...	858
4.	Number of stillbirths	...	...	...	...	41
5.	Number of deaths among newborn ( <i>i.e.</i> under four weeks old)	...	...	...	...	37
6.	Total number of deaths among children under one year	...	...	...	...	46
7.	Number of Maternal Deaths	...	...	...	...	6
8.	Total number of deaths	...	...	...	...	382
9.	Number of patients discharged	...	...	...	...	4,638
10.	Number of beds occupied :—					
	(a) Average during period	...	...	...	...	260
	(b) Highest—on 26/5/48	...	...	...	...	303
	(c) Lowest—26/12/48	...	...	...	...	199
11.	Number of surgical operations under general anaesthetic (excluding dental operations)	...	...	...	...	1,412
12.	Number of abdominal sections	...	...	...	...	376

#### Tynemouth Victoria Jubilee Infirmary.

The following is a summary of the work performed in the Infirmary during 1948.

Total patients treated	...	...	...	...	...	...	11,675
(In-patients 2,378 ; Out-patients 9,297).							
Operations under general anaesthesia	...	...	...	...	...	...	3,353
Patients treated in Massage and Electrical Department							
(19,352 visits)	...	...	...	...	...	...	758
Examinations in X-Ray Department	...	...	...	...	...	...	9,677
Specimens Examined in Laboratory	...	...	...	...	...	...	1,690

### Frater Maternity Home.

Until 5th July, 1948, this Maternity Home was under the control of the Public Health Committee, and was administered in co-operation with the Tynemouth Victoria Jubilee Infirmary, one Matron acting for both Institutions. When the National Health Service Act, 1946, became operative the Home was transferred to the South East North-umberland Hospital Management Committee.

142 patients were admitted during the year, resulting in 140 confinements, 1 of which was a stillbirth.

Average duration of residence per patient was 11.5 days. Medical Aid was summoned in 26 cases. There were no Maternal Deaths in the Home during the year. Number of infant deaths within 10 days of birth, nil.

General Practitioners attend their own patients in the Home.

### Moor Park Hospital.

TABLE SHOWING ADMISSIONS, DISCHARGES AND DEATHS DURING 1948.

Disease.	Patients in Hospital on 1/1/48.	Admitted.	Discharged.	Died.	Remaining in Hospital, 31/12/48.
Diphtheria ...	1	3	3	1	—
Scarlet Fever ...	8	47	50	1	4
Tuberculosis ...	19	40	31	12	16
Enteric Fever ...	—	1	1	—	—
Measles ...	—	9	9	—	—
Other Cases ...	—	21	19	1	1
Totals ...	28	*121	113	15	21

\* Of the 121 cases admitted during the year, 7 were Service Cases of Tuberculosis, 1 of whom died.

The total number of days spent in hospital by patients during the year was 11,222 or an average of 75.315 days per patient.

### ULTRA-VIOLET LIGHT THERAPY.

The total number of patients treated at the Clinic during the year was 89, made up of 9 adults and 80 children, the result of the treatment given being as follows :—

60 showed some improvement ; 8 remained stationary ; 9 became quiescent and 6 ceased to attend. There are 6 patients upon whom it is too early to report.



## REPORT UPON DISPENSARY TREATMENT OF TUBERCULOSIS.

Diagnosis.	Pulmonary.				Non-Pulmonary.				Total.				Grand Total.
	Adults.		Children		Adults.		Children.		Adults.		Children.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
A.— (1) Number of definite cases of Tuberculosis on the Dispensary Register at the beginning of the year ... ..	149	82	7	13	8	10	11	13	157	92	18	26	293
(2) Transfers from other Authorities ...	—	—	—	—	—	—	—	—	—	—	—	—	—
(3) Lost sight of cases returned ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—
B.— Number of new cases diagnosed as tuber- culosis :— (1) Class T.B. Minus	15	11	1	4	—	—	—	—	15	11	1	4	31
(2) Class T.B. Plus	14	14	—	—	—	—	—	—	14	14	—	—	28
(3) Non-Pulmonary	—	—	—	—	3	—	1	—	3	—	1	—	4
C.— Number of cases in- cluded in A and B written off the Dis- pensary Register :— (1) Recovered ...	4	3	3	1	—	—	2	2	4	3	5	3	15
(2) Dead (all causes)	12	18	—	—	—	1	—	—	12	19	—	—	31
(3) Removed to other Areas ...	8	1	—	—	—	—	—	—	8	1	—	—	9
(4) For other reasons	5	—	—	2	1	1	—	4	6	1	—	6	13
D.— Number of definite cases of Tuberculosis on the Dispensary Register at the end of the year ... ..	149	85	5	14	10	8	10	7	159	93	15	21	288

1. Number of attendances at the Dispensary (including contacts) ... 1,570
2. Number of consultations with Medical Practitioners (personal) ... 170
3. Number of visits by Health Visitors to patients' homes ... 2,097
4. Number of visits by Tuberculosis Officer to homes (including personal consultations) ... ... NIL
5. Number of X-Ray examinations made in connection with Dispensary work ... 1,531

## LABORATORY FACILITIES.

All Pathological specimens were examined at the Medical Research Council's Laboratories at Newcastle and Newburn.

Details of specimens examined are as follows :—

(1) Swabs for C. Diphtheria .....	6
(2) Throat Swabs for Streptococci .....	4
(3) Sputum for Tubercle Bacilli .....	628
(4) Blood for Widal Reaction .....	19
(5) Excreta for enteric and dysenteric organisms .....	30
(6) Ante-Natal Blood Tests for Wassermann Reaction ...	482
(7) Miscellaneous Examinations.....	100
Total.....	<u>1,269</u>

In November, 1947, the Pathological Laboratory at the Public Health Department, North Shields, was re-opened for the examination of throat swabs only, 220 of which were investigated during 1948.

## VENEREAL DISEASES.

The Centres available locally for the treatment of venereal diseases are at Preston Hospital, Tynemouth, for males, and at the Public Health Department, for females and children.

The number of persons from Tynemouth treated at the various clinics in the district is given below:—

Disease.	Treatment Centres.			
	Newcastle.	South Shields.	Tynemouth.	Other Centres.
Syphilis ... ..	6	2	22	—
Soft Chancre ... ..	—	—	4	—
Gonorrhoea ... ..	17	4	72	—
Conditions other than venereal ... ..	44	8	89	—
Total new cases from Tynemouth ... ..	67	14	187	—
Attendances ... ..	781	104	5,339	—

The attendances at the Preston Hospital Clinic, and Public Health Department Clinic, Tynemouth made by foreigners and non-residents, not included in the above table, are ;—



	Preston Hospital Clinic, Tynemouth.		
	Non-Residents.	Foreigners.	Total.
New Cases ... ..	87	65	152
Attendances (all cases) ...	1,607	545	2,152

During the year 882 tests were carried out at the Central Public Health Laboratory, Newcastle. Details are as follows :—

Blood :—Kahn Test ... ..	...	...	...	...	...	2
Wasserman reaction ... ..	...	...	...	...	...	805
Gonococcal fixation ... ..	...	...	...	...	...	52
Cerebro-Spinal Fluid :—						
Wasserman ... ..	...	...	...	...	...	2
General examination ... ..	...	...	...	...	...	2
Microscopical Examination ... ..	...	...	...	...	...	19
Total ... ..	...	...	...	...	...	882

## NATIONAL HEALTH SERVICE ACT, 1946

### PART III.

#### HEALTH CENTRES (Sec. 21).

Little or no progress was made during 1948 in connection with the provision of Health Centres. It is anticipated that early in 1949 sites may be ear-marked for the erection of one main and 3 subsidiary Health Centres.

#### CARE OF MOTHERS AND YOUNG CHILDREN (Sec. 22).

##### Institutional Provision for Unmarried Mothers and Illegitimate Infants and other Children.

Under the above provisions, the following work was done during the year.

**Tynemouth Moral Welfare Association.** (Voluntary—Subsidised by Council). Cases investigated 76. Cases placed in homes 10. 1,232 visits were paid and received.

##### Welfare Committee, Tynemouth County Borough.

Admitted to Homes :—Orphans 1 ; Illegitimate Children Nil ; Deserted 1 ; Others 12 ; Total 14.

Admitted to Institution :—Unmarried Mothers 5 ; Illegitimate Children 5 ; Total 10.

## CHILD WELFARE.

Three Sessions are held weekly at the Public Health Department Central Clinic for the weighing of children and consultations with mothers concerning the child's health and feeding.

In December, 1947, a subsidiary clinic was opened at the Meadow Well School to serve the western districts of the Borough and in 1948 a similar clinic was opened at Y.M.C.A. Buildings, Cullercoats, to meet the needs of the eastern parts of the Borough.

One weekly session is held at these latter clinics.

## CARE OF PREMATURE INFANTS.

The number of resident premature babies (*i.e.* babies weighing  $5\frac{1}{2}$  lbs. or less at birth, irrespective of period of gestation) notified during 1948 was 32, and of this figure 6 were born at home and 26 in hospital or nursing home. The number of those premature babies born at home who were nursed entirely at home was 6, and of these, 5 had still survived at the end of one month. Of the 26 born in hospital or nursing home, 5 died within 24 hours and 17 survived at the end of one month.

## CARE OF ILLEGITIMATE CHILDREN.

As in previous years special attention has been given by the Health Visiting staff to the close supervision of this class of children. In addition the Visitor of the Tynemouth Moral Welfare Association has devoted much time to the surveillance of homes where there are illegitimate children. (See also under Tynemouth Moral Welfare Association on Page 16.

## PROMOTION OF CLEANLINESS AMONGST YOUNG CHILDREN.

Special attention has been given by the Health Visitors and School Nurses to reduce the incidence of Scabies and of verminous conditions. Much work relating to disinfestation of children is carried out regularly at both the Schools Clinic and at the Maternity and Child Welfare Centres.

### Infant Welfare Centres.

Address of Centre. (1)	Number of Infant Welfare Sessions now held per month. (2)	Number of Children who Attended Centres in 1948 (3)	Number of Children who first attended the Centres during 1948, and who on the date of their first attendance were :—		Number of Children included in column (3) who at end of year were :—		Total Number of Attendances made by Children included in col. (3) in 1948	
			Under 1 year of age (4)	Over 1 year of age (5)	Under 1 year of age (6)	Over 1 year of age (7)	Under 1 year of age (8)	Over 1 year of age (9)
Health Dept. ...	12	1615	1370	90	589	1026	5841	1612
Cullercoats ...	4	203	203	—	79	124	802	296
Meadow Well School ...	4	283	232	—	160	123	1101	80



## INFANT LIFE PROTECTION.

Infant Life Protection is administered by the Health Visiting staff of the Public Health Department who are assisted in this work by Tuberculosis Nurses, and School Nurses.

Total Number of Child Protection Visitors ...	...	10
Number of persons or authorities who were receiving children under nine for reward at the end of the year ...	...	6
Number of Children under nine :—		
(i) at the end of the year...	...	7
(ii) who died during the year ...	...	Nil.
Adoption of Children (Regulation) Act, 1939.		
Number of persons who gave notice under Section 7 (3) during the year ...	...	Nil.
Total Number of children "adopted" under the Section during the year ...	...	Nil.
Number of such children		
(i) Under supervision at the end of the year ...	...	Nil.
(ii) who died during the year ...	...	Nil.

## NURSERY SCHOOLS.

There are two Nursery Schools in the Borough, administered by voluntary committees. Both schools have places for 80 children.

A war-time Day Nursery which was opened in 1943 and which has accommodation for 36 pre-school children has been utilised to capacity throughout the year. Daily average attendances 30. Dr. Margaret B. Steel, the M. and C.W. Medical Officer, acts as Honorary Medical Advisor to the three establishments.

## REPORT BY R. W. ESSENHIGH, SENIOR SCHOOL DENTAL OFFICER, ON THE DENTAL TREATMENT PROVIDED FOR EXPECTANT AND NURSING MOTHERS AND YOUNG CHILDREN DURING 1948.

The School Dental Service in the County Borough of Tynemouth has the services at present of one full-time School Dental Officer who is responsible for the inspection and treatment of 8,700 school children.

The appointment of an Assistant Dental Surgeon is pending and at present a special session is being held each Monday afternoon at the Public Health Department, North Shields, where expectant and nursing mothers and pre-school children are examined.

(1) Where dental treatment is required for the adult patients a letter is given to be presented to any private dental practitioner requesting immediate treatment. Where gross caries is found in pre-school children, clinical treatment may be provided by the School Dental Service,

(2) Since this special inspection session was instituted in November, 1948

- (a) 18 expectant mothers have been examined.
- (b) 17 expectant mothers required dental treatment.
- (c) 16 expectant mothers were referred to private practitioners for treatment.
- (d) 10 pre-school children were examined and 2 patients received general anaesthetics for multiple extractions.

(3) In co-operation with the Physiology Department of the Medical School, King's College, Newcastle upon Tyne, research work has been carried out for some considerable time into the incidence of dental caries in the Tynemouth area.

Large numbers of specimens of extracted teeth are forwarded at regular intervals to the Physiology laboratory at Newcastle and visits have been made by the research workers to the Borough of Tynemouth, where specimens of saliva have been obtained for experimental purposes.

#### **ULTRA-VIOLET LIGHT CLINICS.**

Clinics are held twice each week at the Public Health Department. Conditions treated during the past year were, Rickets 5; Debility and Anaemia 18; Other Causes 12; a total of 35 cases, who made 709 attendances.

#### **MILK (MOTHERS AND CHILDREN) ORDER.**

A Dried Milk Depot, administered by the Local Authority, and assisted by Voluntary Workers, is in operation, and provides for necessitous pregnant and nursing mothers, and children under 1 year of age. During the year a total of 19,756 lbs. of Dried Milk was distributed at cost price.

The total amount expended by the Local Authority on the purchase of Dried Milk during the year was £2,123. 18s. 0d. In addition under the National Dried Milk Scheme 40,144-20 oz. tins were distributed.

12,473 bottles of Cod Liver Oil, 38,741 bottles of Orange Juice and 3,684 packets of Cod Liver Oil Capsules, were also distributed.

#### **MIDWIFERY (Sec. 23).**

##### **MUNICIPAL MIDWIFERY SERVICE.**

This scheme, instituted in accordance with the provisions of the Midwives Act, 1936, has continued to give satisfactory service throughout the period under review, during which time 417 births were attended by Municipal Midwives.

The daily Ante-Natal Clinics, held at the Public Health Department, at which the Municipal Midwives attend on set days for the convenience of their own patients, were well attended, and a total of 498 cases were examined. Abnormalities found to be present in the condition of a patient are immediately reported by the Maternity and Child Welfare Medical Officer to the patient's own medical practitioner, and during 1948 there were 15 such cases,



Ante-Natal Clinics were also held at the Tynemouth Victoria Jubilee Infirmary, and at Preston Hospital, for the convenience of patients booking at these Institutions, and the following table shows the total Ante-Natal Clinical Attendances for the year.

Centre.	Total Cases.	Total Attendances.	Average Attendances.
Municipal Clinic ...	498	3,466	6.96
Preston Hospital ...	910	5,806	6.38
T.V.J. Infirmary ...	47	134	3.06
Totals ... ..	1,455	9,406	6.46

43 Midwives notified their intention to practice in the County Borough of Tynemouth Area, and a total of 1,866 cases were attended, 399 of which were attended as Maternity Nurse.

A summary of attendances is given below :—

Municipal Midwives attended as	midwife ... ..	406	} 417
„ „ „	maternity nurse...	11	
Institutional Midwives	„ midwife ... ..	972	} 1,290
(Preston Hosp, T.V.J.I. and Frater Home)	„ maternity nurse...	318	
Private Midwives	„ midwife ... ..	88	} 159
„ „ „	„ maternity nurse...	71	

## MEDICAL AID.

In accordance with regulations of the Central Midwives' Board, Medical Aid was summoned in 154 cases, 127 for the Mother, and 27 for the Child.

## ANALGESIA.

During the year, training courses in the administration of Gas and Air Analgesia were arranged in co-operation with the Obstetrics and Gynaecology Department of the Newcastle General Hospital and at the end of the year 4 of the 8 Municipal Midwives had become qualified to administer analgesia.

The balance of the midwifery staff will have completed their training early in 1949.

As the necessary apparatus was not available until late in the year no patients had analgesia administered by the Municipal Midwives in 1948.

Full details of the scheme will be set out in my report for 1949,



## NOTIFICATION OF BIRTHS.

A total of 1,866 births including non-residents were registered during the year (1,805 live and 61 stillbirths).

5 births were not notified, but immediately on the requirements of the Notification of Births Act being brought to the notice of the persons concerned, these were officially intimated.

## PUERPERAL PYREXIA.

During the year 5 cases of puerperal pyrexia occurred in domiciliary confinements and 3 in institutions.

## POST-NATAL CLINICS.

No special Post-Natal Clinics are held at the Public Health Department, as patients prefer to attend the Child Welfare Clinics held three times per week, during the afternoon, when they attend with their children. Opportunity has been given during the past year for mothers to make Post-Natal enquiries at these afternoon sessions, and a fair average of cases have been examined, and advice given.

## HEALTH VISITING (Sec. 24).

11,215 visits were made by the Health Visitors during the year, and a summary of these visits is given below :—

Infants under 1 year : First visits 1,229 ; Re-visits 2,539	3,768
Infants between one and five years ... ..	7,407
Ante-Natal Cases Visited ... ..	40
	<hr/>
	11,215
	<hr/>

## HOME NURSING (Sec. 25.)

In accordance with the provisions of the National Health Service Act, 1946, the nursing staff of the local Voluntary Nursing Association was transferred to the Local Health Authority as from the appointed day, *i.e.* 5th July, 1948.

Six whole time district nurses are now under the direct control of the newly appointed Superintendent Nursing Officer, who is a member of the staff of the Public Health Department. All requests for the services of a district nurse must be supported by a certificate from the patient's own doctor.

During the period 5th July, 1948, to 31st December, 1948, the district nurses paid 8,433 visits to 220 patients.

Loan equipment, in the form of bed pans, back rests, air cushions, etc., are available free of charge and considerable use of this service has been made by patients.

The transfer mentioned above was effected very smoothly with the willing co-operation of the nurses and officials of the Voluntary Nursing Association and it gives me great pleasure to place on record a tribute to the work of the staff of the Voluntary Nursing Association which had been carried on with good effect and appreciated by members of the general public for very many years.

### VACCINATION AND IMMUNISATION (Sec. 26).

During the year 1947, 729 vaccinations were carried out successfully. During the period 1st January to 4th July, 1948, 237 successful vaccinations were carried out, and for the period 5th July, 1948, to 31st December, 1948, vaccinations were carried out as enumerated in the following table :—

NUMBER OF PERSONS VACCINATED (or re-vaccinated) DURING PERIOD.					
Age at 31st Dec., 1948 ... <i>i.e.</i> born in years ...	Under 1 1948	1 to 4 1944 to 1947	5 to 14 1934 to 1943	15 or over Before 1934	Total
Number Vaccinated ...	99	2	11	7	129
Number re-vaccinated ...	—	1	3	16	20
NUMBER OF CASES SPECIALLY REPORTED DURING PERIOD (age groups as above).					
(a) Generalised Vaccinia	1	—	—	—	1
(b) Post-vaccinal Encephalomyelitis...	—	—	—	—	—
(c) Death from compli- cations of vaccina- tion other than (a) and (b) ...	—	—	—	—	—

### DIPHTHERIA.

#### IMMUNISATION.

The scheme for the Immunisation against Diphtheria of the child population, has been well supported by parents.

Schoolers are immunised at the schools and at the Schools Clinic, whilst Pre-School children are immunised at the Central Maternity and Child Welfare Centre. A total of 937 children were immunised under the scheme during the year, 71 of which were School Children, and 866 Pre-School Children. 140 children of all ages were given reinforcing injections.

Included in these figures are 93 children immunised, and 16 children who received reinforcing injections, by general practitioners.



### IMMUNISATION IN RELATION TO CHILD POPULATION.

Number of children who had completed a full course of Immunisation at any time up to 31st December, 1948.								
Age at 31.12.48 i.e. Born in Year ...	Under 1 1948	1 1947	2 1946	3 1945	4 1944	5 to 9 1939-43	10 to 14 1934-38	Total under 15
Number Immunised	11	637	709	640	681	3,678	4,652	11,008
Estimated mid-year child population 1948	Children under five 5,838					Children 5-14 9,673		15,511

### DIPHTHERIA NOTIFICATIONS AND DEATHS IN RELATION TO IMMUNISATION.

NOTIFICATIONS.			DEATHS.		
Age at date of Notifica- tion	Number of Cases Notified	Number of cases included in pre- ceding column in which the child had completed a full course of immunisation	Age at date of Death	Number of Deaths	Number of cases included in pre- ceding column in which the child had completed a full course of immunisation
Under 1	Nil	Nil	Under 1	Nil	Nil
1 ...	Nil	Nil	1 ...	Nil	Nil
2 ...	Nil	1	2 ...	1	Nil
3 ...	Nil	Nil	3 ...	Nil	Nil
4 ...	2	1	4 ...	1	Nil
5 to 9 ...	Nil	Nil	5 to 9 ...	Nil	Nil
10 to 14	Nil	Nil	10 to 14	Nil	Nil
Totals	2	1	Totals	Nil	Nil

It is estimated that, at 31st December, 1948, 71% of the child population, i.e. children under 15 years of age had been immunised.

### ATTACK AND MORTALITY RATES.

The following table illustrates the incidence of Diphtheria in the the Borough since 1901. The figures are shown in five yearly periods from 1901 to 1940, and in yearly periods from 1941 to date.



Period.	Population 5 yearly average.	Total cases notified per 5 yearly period.	Attack Rates per 1,000 of the population.	Total Deaths per 5 yearly period.	Fatality Rates per 1,000 cases notified.	Fatality Rates per 1,000 of the population.
1901-1905	52,947	179	3.380	38	212	.717
1906-1910	56,666	345	6.088	49	142	.864
1911-1915	59,661	324	5.430	38	117	.636
1916-1920	57,818	182	3.147	19	105	.328
1921-1925	65,198	182	2.791	20	109	.306
1926-1930	66,286	562	8.478	36	64	.543
1931-1935	65,884	222	3.369	20	90	.303
1936-1940	65,028	561	8.627	29	35	.445
1941	56,240	182	3.236	11	60	.195
1942	53,500	218	4.074	12	55	.224
1943	52,370	87	1.661	4	46	.076
1944	57,100	132	2.311	2	15	.035
1945	58,760	115	1.957	3	26	.051
1946	63,690	63	0.989	1	16	.015
1947	65,070	11	0.169	Nil	Nil	Nil
1948	66,050	3	0.045	2	666*	.030

\* Although there were 2 deaths this year it must be borne in mind that only 3 cases were notified, these 3 cases not having been immunised ; hence what appears to be an abnormally high fatality rate.

### AMBULANCE SERVICES (Sec. 27).

Prior to 5th July, 1948, ambulances were operated by Tynemouth Police, the Public Health Department and Preston Hospital, but on the introduction of the National Health Service Act, 1946, proposals made by the Local Health Authority, and which were approved by the Minister of Health, permitted the Borough's Ambulance Service to be incorporated with the Fire Service and this arrangement has proved satisfactory.

Details of the work of the Ambulance Service, during the period 5th July, 1948, to 31st December, 1948, are enumerated in the following table :—

#### Ambulance Services.

(1)		(2)	(3)	(4)	(5)	(6)
		Number of Vehicles at 31st Dec., 1948	Total Number of Calls during the period 5th July, 1948, to 31st Dec., 1948	Total Number of Patients Carried during the period 5th July, 1948, to 31st Dec., 1948	Number of Accident and other Emergency Calls included in col. (3) during the period 5th July, 1948, to 31st Dec., 1948	Total Mileage during the period 5th July, 1948, to 31st Dec., 1948
Directly Provided Service	Ambulances	5	2,602	2,431	189	19,131
	Cars ...	1	894	845	17	8,890
Agency Service(s) ...	Ambulances	Nil.	Nil.	Nil.	Nil.	Nil.
	Cars ...	Nil.	Nil.	Nil.	Nil.	Nil.
Supplementary Service(s) ...	Ambulances	—	Nil.	Nil.	Nil.	Nil.
	Cars ...	—	Nil.	Nil.	Nil.	Nil.

## **PREVENTION OF ILLNESS, CARE AND AFTER CARE (Sec. 28).**

Mr. H. W. Welch, the Hon. Financial Secretary of the Tynemouth Care Committee reports that during the year 1948, the number of cases assisted was 18. Of this number 14 were granted extra nourishment, consisting of special quantities of milk, to approved cases of Tuberculosis. The other 4 cases were supplied with surgical appliances.

Grateful thanks are expressed to the Employees of the Newcastle and Gateshead Gas Co., and the Employees of Messrs. Smith's Dock Co. (Hospital Committee) and Tynemouth Civil Defence Choir, for donations.

In September, a very successful motor bus outing to Rothbury was held for the benefit of tuberculous patients at Moor Park Hospital.

## **DOMESTIC HELP (Sec. 29).**

This scheme did not become operative until very late in the year, and by 31st December, 1948, only 1 part-time helper was employed and 1 case had been assisted. Full details of the working of the scheme will be included in my Annual Report for 1949.

## **NATIONAL HEALTH SERVICE ACT, 1946, PART V.**

### **MENTAL HEALTH.**

#### **Administration.**

The administration of the Mental Health Services of the Borough is carried out by the Mental Health Sub-Committee, which consists of eight members of the Health Committee and five co-opted members elected annually by the Health Committee, such appointments not to be subject to confirmation by the Council. The Committee considers, and reports to the Health Committee, all matters connected with Lunacy and Mental Deficiency.

#### **Staff Employed in Mental Health Service.**

R. H. Dawson, M.B., Ch.B., D.P.H., Medical Officer of Health.  
A. G. Scott, M.B., Ch.B., D.P.H., Asst. Medical Officer of Health.  
M. B. Steel, M.B., Ch.B., D.P.H., Asst. Medical Officer of Health.  
Miss I. Siddall, who was a qualified home teacher for the blind before her appointment as Mental Welfare Investigation Officer in 1945.

Three Duly Authorised Officers, who were established members of the Public Health Department staff before their appointment as Duly Authorised Officers on the 5th July, 1948.

#### **Co-ordination with Regional Hospital Board and Hospital Management Committee (joint use of Officers).**

G. McCoull, O.B.E., V.R.D., M.D., Medical Superintendent of Prudhoe and Monkton Mental Deficiency Hospital conducts a Mental Deficiency Clinic once a month at the Tynemouth Public Health Department.



Patients on Licence in Tynemouth from Prudhoe and Monkton Hospital are supervised by Tynemouth's Mental Welfare Investigation Officer.

### **Duties Delegated to Voluntary Associations.**

After-care visiting of patients on trial and discharged from mental hospitals, is carried out, by arrangement, by Officers of the National Association for Mental Health.

### **Training of Mental Health Workers.**

No special arrangements have yet been initiated for the further training of Mental Health Workers.

### **Work Undertaken in the Community under Section 28 of the National Health Service Act, 1946.**

The establishment of an occupational training centre has not yet been considered. Friendly and statutory supervision of defectives in the community is carried out by the Mental Welfare Investigation Officer who assists defectives to obtain suitable employment.

## **LUNACY AND MENTAL TREATMENT ACTS.**

On 5th July, 1948, the duties of Relieving Officers were transferred to the National Assistance Board, with the exception of that part of their duties relating to the initial proceedings required to be carried out under the above Acts.

In order to ensure continuity of the service for the care of persons of unsound mind, three Duly Authorised Officers were appointed to carry out the initial proceedings referred to; (*i.e.* the admission of mental patients to a mental hospital or a place of safety.

Three members of the staff of the Public Health Department were appointed to carry out the statutory duties of Duly Authorised Officers, in addition to their normal duties. They are Mr. W. R. Miller, Chief Clerk, Mr. B. O. Blagburn, Clerk and Miss M. A. Hey, Superintendent Nursing Officer.

Miss Hey acts only in an emergency, and the major part of the work is carried out by the two male members of the staff.

The total number of cases dealt with during the period 5th July, 1948, to 31st December, 1948, was as follows:—

Mr. Miller	...	...	32
Mr. Blagburn	...	...	21
Miss Hey	...	...	1



Out of the total of 54 cases dealt with, 53 were admitted directly to Preston Hospital, and 1 was admitted directly to St. George's Mental Hospital, Morpeth.

Of the 53 cases admitted to Preston Hospital, 35 were certified by the medical staff of the Hospital and transferred therefrom to St. George's Hospital, 7 were discharged home, 2 were transferred to Part III Accommodation (National Assistance Act, 1946), and 9 were retained as hospital patients.

In the majority of the cases, the Duly Authorised Officers have found it necessary to visit the patients' homes, seeking information regarding the patient, and they have on practically all occasions given advice and guidance to the relatives.

### Work Undertaken in the Community under the Mental Deficiency Acts, 1913—1938.

Ascertainment is carried out in co-operation with Tynemouth Education Authority and general practitioners. New cases are referred to Dr. McCoull for specialist diagnosis. The number of defectives awaiting vacancies in institutions at the end of the year was 8.

10 cases were ascertained as "subject to be dealt with" and 8 others were reported, but were found on investigation "as not subject to be dealt with".

3 patients were under guardianship during the year and 111 were under supervision. Supervision is carried out by the Mental Welfare Investigation Officer. No scheme for the Domiciliary training of Mental Defectives is in operation.

### INSTITUTIONAL PROVISION FOR THE CARE OF MENTAL DEFECTIVES.

The following table shows the Institutions used by the Local Health Authority and the number of patients under treatment at the 31st December, 1948.

		Prudhoe and Monkton Hospital.	The General Hospital, South Shields Co. Borough.	Rampton State Institution. Retford Board of Control for Violent Cases.	Durran Hill House, Carlisle. R.C. Certified Institution.	Mossdale State Inst'n., Maghull, Liverpool, Board of Control for Violent Cases.
Feeble-minded	M.	27	2	1	—	2
	F.	22	—	1	—	—
Imbeciles	M.	14	2	—	—	—
	F.	7	—	—	1	—
Idiots	M.	3	—	—	—	—
	F.	1	—	—	—	—

The following is an extract from a report submitted by Dr. G. McCoull on the work carried out at the Mental Deficiency Clinic during the year :—

“Between 1st January and 31st December, 1948, ten Clinics were held at the Health Department.

Twenty-three new patients were seen and fourteen made second or subsequent appearances.

Classification of Patients seen is as follows :—

Re-examination	...	...	...	...	...	14
Feeble-minded persons for admission to Prudhoe Hall	...					5
					(1 refused)	
„ „ „ recommended Home care	...	...				1
„ „ „ „ Special School	...					1
Imbecile persons for admission to Prudhoe Hall	...	...				5
Imbeciles. Recommended Home care	...	...	...			2
Behaviour Problems. Advice given	...	...	...	...		2
Psychosis—Referred to Mental Hospital Clinic	...	...				2
Cases on Licence. Discharge Recommended	...	...				3
„ Not Recommended	...	...				1
Re-admitted to Hospital	...	...				1

I feel that the Clinic serves a useful function, for quite apart from the patients, I am enabled to see and get to know the parents of patients who later are admitted to Prudhoe. Where they are difficult and antagonistic towards the idea of their relative's admission, I have found that a preliminary visit and a conducted tour by myself appears to solve all their fears.

Where patients are unable to obtain a vacancy and also in the case of Licence patients, advice is given, and the fact that the Clinic gives me this opportunity to keep in touch with both these types of patient is important.”

## PREVALENCE OF INFECTIOUS AND OTHER DISEASES.

### MEASLES AND WHOOPING COUGH.

The following table shows the number of deaths from Measles and Whooping Cough (Registrar General) together with the number of notifications received during the year.

Whooping Cough :—

Cases Notified	...	...	...	177
----------------	-----	-----	-----	-----

Deaths at all ages	...	...	...	2
--------------------	-----	-----	-----	---

Measles :—

Cases Notified	...	...	...	869
----------------	-----	-----	-----	-----

Deaths at all ages	...	...	...	Nil
--------------------	-----	-----	-----	-----

### DIARRHOEA AND ENTERITIS.

During the year there were 6 deaths of children under 2 years of age, which is equal to a mortality rate of 4.6 per 1,000 live births.

The mortality rates for England and Wales, and the Great Towns were 3.3 and 4.5 respectively.

### OPHTHALMIA NEONATORUM.

No cases were notified during the year.

### PEMPHIGUS NEONATORUM.

During the year, no cases of Pemphigus Neonatorum were notified.

### FOOD POISONING.

There were no cases reported during the year.

### CANCER.

#### Deaths and Death Rates from Cancer.

	1905 -09	1910 -14	1915 -19	1920 -24	1925 -29	1930 -34	1935 -39	1940 -44	1945	1946	1947	1948
Deaths ... ..	185	244	287	319	315	403	474	529	95	122	114	124
Death Rate per 1,000 living ...	0.67	0.82	1.00	0.99	0.95	1.23	1.42	1.89	1.62	1.91	1.75	1.87
Proportion of deaths per 1,000 deaths from all causes	37	51	56	72	74	99	117	125	119	153	147	155



**TUBERCULOSIS.**

**New Cases and Mortality from Pulmonary and Non-Pulmonary  
Forms of Tuberculosis during 1948.**

Age Periods.	New Cases.				Deaths (Registrar-General).			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 ...	—	—	1	—	—	—	1	—
1- 5 ...	—	1	1	—	—	—	1	1
5-10 ...	1	1	—	—	—	—	1	1
10-15 ...	—	1	1	2	11	23	3	3
15-20 ...	1	7	2	2				
20-25 ...	7	6	1	1				
25-35 ...	8	12	1	—				
35-45 ...	8	7	—	1	10	1	1	—
45-55 ...	7	2	1	1				
55-65 ...	5	2	—	—				
65 and over...	3	—	1	—	2	—	—	—
Totals ...	40	39	9	7	23	24	7	5

- (1) **Pulmonary Tuberculosis** :—Deaths 47 ; mortality rate per 1,000 of the population is equal to 0.71.
- (2) **Non-Pulmonary Tuberculosis** :—Deaths 12 ; mortality rate per 1,000 of the population is equal to 0.18.

# NOTIFIABLE DISEASES (other than Tuberculosis) OCCURRING DURING THE YEAR 1948.

(Summary of Quarterly Returns on Ministry Form 118d).

## Civilian Cases Only.

Period.	Scarlet Fever.		Diphtheria.		Whoop'g Cough.		Measles.		Acute Polio myelitis		Acute Pol. Enc'ph		Enteric Typh.		Para Typh.		Acute Pneumonia.		Dysentery.		Cerebro Sp. Fever.		Acute Enc Leth.		Erysip.		Small Pox		Other.		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
FIRST QUARTER	16	16	...	...	11	10	4	13	...	...	...	...	...	...	...	...	8	4	...	1	...	...	...	...	1	1	...	...	...	4	
SECOND QUARTER	8	20	...	...	34	21	151	132	...	...	...	...	...	...	...	...	3	6	...	...	...	...	...	...	...	1	...	...	...	1	
THIRD QUARTER	7	16	2	...	29	43	285	282	...	...	...	...	1	...	...	...	4	2	...	...	...	...	...	...	3	2	...	...	...	1	2
FOURTH QUARTER	4	7	...	1	16	13	2	...	2	2	...	...	...	...	...	...	3	4	...	...	...	...	...	...	2	1	...	...	...	...	...
TOTALS	35	59	2	1	90	87	442	427	2	2	...	...	1	...	...	...	18	16	...	1	...	...	...	...	6	5	...	...	...	1	7
	94		3		177		869		4		...		1		...		34		1		...			11			...		...	8	
ADMITTED HOSPITAL	47		3		4		9		...		...		1		...		2		1		...			...	...		...		...		...



## WATER.

The water supply for domestic and general use in the County Borough of Tynemouth is provided by the Local Authority's Water Undertaking which is also responsible for the furnishing of water supplies to several other areas in South East Northumberland.

The water is derived from two principal sources, namely, an upland moorland catchment area and from springs. Surface water constitutes approximately 75% of the total quantity, the remaining 25% being of spring origin. Both of these sources are situated approximately 25 miles from the Borough. The Surface water is filtered and chlorinated at the works adjacent to the impounding reservoir. The supply is then joined by the spring water some eight miles from the works.

The supply is distributed to the town from five service reservoirs. Of these, three are covered, and two uncovered. Secondary chlorination is carried out at both of the open service reservoirs.

In recent years, it has become progressively more evident that the increased consumption of the water supplied by the Corporation's undertaking, occasioned by the erection of a large number of new houses in the area and the establishment of new industries would have to be met by obtaining new sources of supply. A parliamentary bill was promoted in 1947 in an endeavour to obtain the necessary powers to construct a new impounding reservoir. This proved unsuccessful owing to the fact that objections were raised on the grounds that the proposed scheme did not take into account the potential needs of the entire County of Northumberland. As a temporary measure, considerable quantities of water are now being obtained from the Newcastle and Gateshead Water Company in order to augment the Corporation supply.

During the year under review, 51 samples of water obtained from the system of the Corporation water undertaking were submitted for bacteriological examination. Of that number, 37 related to samples obtained from reservoirs, distributing houses, springs, etc., the remaining 14 samples were from piped domestic supplies. Three of the latter, all satisfactory, were obtained from dwelling houses in an adjacent area to the County Borough of Tynemouth. Eleven related to piped supplies within the County Borough itself. Five of these proved to be unsatisfactory. These unsatisfactory samples were all obtained from piped supplies originating from an uncovered reservoir and arose from the difficulty involved in achieving effective chlorination. The defect was ultimately remedied.

13 samples of water were subject to chemical analysis, of these, 8 related to samples obtained from points in the water undertaking outside the County Borough, the remaining five were from domestic piped supplies. In all cases, the findings, including that relating to plumbo solvency, were satisfactory.

Specimen results of typical analyses are as follows :—



**BACTERIOLOGICAL EXAMINATION.**

Date :—17th August, 1948.

Drawn from 26, Lansdowne Terrace, North Shields.

**PLATE COUNT.**

(a) At 37°C. (2 days' incubation) : 2 colonies per ml.  
 (b) At 10°—22°C. (3 days' incubation) : 10 colonies per ml.

**PRESUMPTIVE COLIFORM COUNT.**

Probable number of coliform bacilli present : 0 per 100 ml. of water  
 Bacteriologically this is a very satisfactory sample of water.

**CHEMICAL ANALYSIS.**

Date received 18.8.48. Sample marked 2. Water drawn from draw tap in yard through cast iron main and lead service pipe at 26, Lansdowne Terrace, North Shields. 17.8.48. 10.10 a.m.

*Parts per 100,000.*

**Chemical Results.**

Total solids dried at 180°C.	...	...	...	...	...	12.0
Chlorine as chlorides	...	...	...	...	...	0.89
Free ammonia	...	...	...	...	...	0.0005
Albuminoid ammonia	...	...	...	...	...	0.006
Nitrogen as nitrates	...	...	...	...	...	0.06
Oxygen absorbed (4 hours at 80°F.)	...	...	...	...	...	0.743
Total hardness	...	...	...	...	...	7.6
Permanent hardness	...	...	...	...	...	1.3
Temporary hardness	...	...	...	...	...	6.3
Lead and Copper	...	...	...	...	...	None.
Iron	...	...	...	...	...	None.
Appearance and Colour (Hazen degrees 80)	...	...	...	...	...	Yellow and clear.
Smell and Taste	...	...	...	...	...	Satisfactory.
Microscopical examination of deposit	...	...	...	...	...	Satisfactory
pH value	...	...	...	...	...	7.0
Lead solvency (L.G.B.)	...	...	...	...	...	0.10 part per 100,000.

**Report :—**

The oxygen absorbed figure obtained on analysis of this sample of water is more than in the water examined from this source in May and as might be expected the colour has also increased, otherwise the water is very similar to the previous sample.

It is of satisfactory organic purity and in my opinion the water is suitable for a Public Supply.

(Signed) W. GORDON CAREY.

The number of dwelling houses supplied from piped water mains is approximately 17,300. It is estimated that 12,800 of these are supplied direct to the house, whilst the remaining 4,500 (approx.) are dependent upon outside taps in yards, etc.

## SANITARY INSPECTION OF THE BOROUGH.

To THE MAYOR, ALDERMEN and COUNCILLORS, OF THE  
COUNTY BOROUGH OF TYNEMOUTH.

YOUR WORSHIP, LADIES AND GENTLEMEN,

I beg to submit my Annual Report upon the Sanitary Inspection of the Borough during the year 1948, and I wish to take this opportunity of expressing my thanks to the members of the Health Committee, and to all colleagues for their helpful co-operation and interest shown during the year's work.

The abatement of nuisances and repairs to property has continued to be limited, due to priority of labour and materials being diverted to the erection of new dwellings. The higher cost of repairs has been reflected in the reluctance of owners to carry out such work voluntarily, and has resulted in an increased number of complaints being received in the Department. It is anticipated, however, that, as conditions improve, the considerable arrears of war-time repairs will be reduced.

I have the honour to remain,

Your obedient servant,

C. A. MURRAY, Cert. S.I.B.,

Cert. Meat Inspection,

*Senior Sanitary Inspector.*

### SANITARY INSPECTION.

Total number of inspections made	...	...	...	...	11,198	
Total number of re-inspections made	...	...	...	...	4,935	
				Inspections.	Re-inspections.	
Accumulations	...	...	...	...	54	26
Animals, Poultry, etc.	...	...	...	...	13	—
Ashplaces	...	...	...	...	12	11
Ashbins	...	...	...	...	2	—
Bakehouses (with mechanical power)	...	...	...	...	98	1
„ (without mechanical power)	...	...	...	...	22	—
Butchers' Shops and Stores	...	...	...	...	172	1
Cesspools	...	...	...	...	—	—
Closets—Water	...	...	...	...	156	103
„ —Privies	...	...	...	...	4	2
„ —Tubs	...	...	...	...	—	—
Cold Stores	...	...	...	...	—	—

Common Lodging Houses	...	...	...	...	—	—
Cowsheds	...	...	...	...	68	—
Dairies, Milkshops and Milkstores	...	...	...	...	241	—
Dangerous Structures	...	...	...	...	18	11
Drains—Inspected	...	...	...	...	289	190
„ —Smoke Tests	...	...	...	...	68	2
„ —Chemical Tests	...	...	...	...	35	2
„ —Water Tests	...	...	...	...	32	2
Entertainment Houses	...	...	...	...	28	—
Factories (with mechanical power)	...	...	...	...	90	—
„ (without mechanical power)	...	...	...	...	24	30
„ (Outworkers)	...	...	...	...	—	—
Fishmongers' Shops and Stores	...	...	...	...	55	—
Fish Curing Premises	...	...	...	...	10	—
Fish Quay	...	...	...	...	319	2
Fish Frying Premises	...	...	...	...	51	2
Houses (Ordinary)	...	...	...	...	6	—
„ (Overcrowded)	...	...	...	...	16	—
Housing Enumeration (Part IV)	...	...	...	...	905	11
Houses (Consolidated Regulations)	...	...	...	...	45	473
„ (Clearance Areas, etc.)	...	...	...	...	1	1
Housing Act (other buildings)	...	...	...	...	20	1
Houses :Let in Lodgings	...	...	...	...	15	5
Infectious Diseases	...	...	...	...	173	17
Food Preparing Premises—Ice Cream	...	...	...	...	218	1
„ „ „ —Cooked Meats	...	...	...	...	247	4
Meat and Food Inspections	...	...	...	...	511	8
„ „ „ Condemnations	...	...	...	...	310	2
„ „ „ Seizures	...	...	...	...	—	—
Meetings with Owners or Tradesmen	...	...	...	...	569	14
Merchandise Marks Act	...	...	...	...	—	—
Miscellaneous Visits	...	...	...	...	45	4
Offensive Trade Premises (excluding Fish Fryers)	...	...	...	...	22	—
Piggeries	...	...	...	...	44	2
Rats and Mice Destruction	...	...	...	...	569	635
Samples—Food and Drugs Act	...	...	...	...	292	3
„ —Pathological	...	...	...	...	111	—
„ —Rag Flocks Act	...	...	...	...	—	—
„ —Water	...	...	...	...	9	—
„ —Fertilizers and Feeding Stuffs Act	...	...	...	...	—	—
Sanitary Inspections	...	...	...	...	370	3
Seamen's Lodging Houses	...	...	...	...	23	—
Shops Act, Section 10	...	...	...	...	451	5
Slaughterhouses—Private	...	...	...	...	1	—
Special Notices (Meat Regulations)	...	...	...	...	20	—
Schools	...	...	...	...	2	4
Smoke Observations	...	...	...	...	—	—
Special Visits	...	...	...	...	278	6
Sewers, etc.	...	...	...	...	40	9
Street Gullies	...	...	...	...	13	1



Streets or Back Roads	...	...	...	...	4	—
Stables	...	...	...	...	7	—
Tips	...	...	...	...	—	—
<b>Nuisances</b>	...	...	...	...	1,074	3,307
Urinals—Public	...	...	...	...	3	—
„ —Private	...	...	...	...	2	—
Van Dwellings	...	...	...	...	13	—
Verminous Premises	...	...	...	...	322	34
Yards and Courts	...	..	...	...	10	—

### Complaints

Complaints received	...	...	...	...	...	1,406
Complaints confirmed	...	...	...	...	...	1,081
Matters referred to other Departments	...	...	...	...	...	89
Nuisances found	...	...	...	...	...	1,074
Premises where work has been carried out without service of notice	...	...	...	...	...	85

### Nuisances and Defects Remedied during 1948.

	Public Health Acts.		Housing Acts.	Tynemouth Corporat'n. Act.
	Informal.	Statutory.	Statutory.	Statutory.
No. of defects remedied under 1947 notices	483	109	360	16
Informal notice defects transferred to statutory notices...	150	—	—	—
No. of defects remedied under 1948 notices...	640	87	439	151
No. of defects outstanding at end of 1948 ...	298	92	765	12

### THE FACTORY ACT, 1937.—Inspections.

Premises.	Number on Register.	Number of		
		Inspections	Written notices.	Occupiers prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	70	76	1	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ...	179	189	2	—
(iii) Other Premises in which Section 7 is enforced by the the Local Authority (excluding out-workers' premises) ...	—	—	—	—
TOTALS	249	265	3	—

The following defects were dealt with on receipt of notices from H.M. Inspector of Factories, and remedied in the course of inspections.

### CASES IN WHICH DEFECTS WERE FOUND.

Particulars.	Number of cases in which defects were found.				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			To H.M. Inspector	By H.M. Inspector	
Want of cleanliness (S.1)	—	—	—	—	—
Overcrowding (S.2) ...	—	—	—	—	—
Unreasonable temperature (S.3) ...	—	—	—	—	—
Inadequate ventilation (S.4) ...	—	—	—	—	—
Ineffective drainage of floors (S.6) ...	—	—	—	—	—
Sanitary Conveniences (S.7)					
(a) insufficient ...	1	1	—	1	—
(b) Unsuitable or defective ...	2	2	—	2	—
(c) Not separate for sexes ...	—	—	—	—	—
Other offences against the Act (not including offences relating to Outwork) ...	—	—	—	—	—
TOTALS ...	3	3	—	3	—

There was a total of 249 factories on the Register at the end of the year, 179 with mechanical, and 70 without mechanical power.

### OUTWORKERS.

One notice under Section 110 of the Factories Act, 1937, was received during the year, and on inspection, the premises were found to be in a satisfactory condition

### MEANS OF ESCAPE IN CASE OF FIRE.

Under the provisions of Section 34(1) factories of certain categories are now required to be certified by the Council as having adequate means of escape in case of fire. 7 certificates were approved during the year.

### BAKEHOUSES.

There were 47 premises on the Register at the end of the year, all of which were inspected regularly. It was not necessary to serve any notices during the year.



**SHOPS ACT, 1934 (Section 10).**

Under the provisions of the above Act, 456 visits were made to inspect sanitary conveniences and other arrangements for the welfare of the assistants.

**ASHPITS.**

There are 14 ashpits, 47 privy ashpits and 21 wet pails in the Borough.

**RATS AND MICE (DESTRUCTION) ACT, 1919.**

During the year, 1,204 visits were made to 569 premises for the purpose of ascertaining rat infestations; business premises with a high risk of infestation receiving special attention. 5 notices were served with successful results in certain difficult cases. The remedying of drainage and structural defects, together with the use of traps, poison baits, etc., resulted in the majority of the premises being cleared. All work was carried out by the Sanitary Inspectors, with the help of two trained operators from the Borough Surveyor's Department.

The Sixth Maintenance Treatment of the sewers was also carried out between the 6th July and the 14th August, 1948. This consisted of two days pre-bait, one day poison bait, and a fourth day visit to ascertain the amount of bait consumed. The estimated kill for this treatment, when 2,442 manholes were baited, was:—

Sixth Maintenance Treatment	...	...	...	3,612 rats.
-----------------------------	-----	-----	-----	-------------

This is a decrease of 1,465 in the calculated kill. The Seventh Maintenance Treatment is arranged to commence early in the new year.

Two Block Control treatments to Fish Quay premises were carried out during the year, and resulted in a calculated kill of 826 rats.

During the year, privately owned and Corporation properties, including tips, were treated by the Corporation, whilst certain privately owned works and other premises carried out treatment either by direct labour or by servicing firms, resulting in a calculated kill of 3,090 rats.

Farms and small holdings are supervised by the Northumberland County Agricultural Executive Committee, and these have also received attention.

**ERADICATION OF BED BUGS.**

(1)	(a)	Number of Council Houses	...	...	...	10
	(b)	Number of Other Houses	...	...	...	9
	(c)	Total number of Houses infested	...	...	...	19
	(d)	Number of Houses de-infested	...	...	...	19

(2) The methods employed for freeing infested houses from Bed bugs:—Spraying with Insecticide after preparation of room e.g., stripping off wallpaper and removing skirting boards, etc., Infested bedding de-infested by Steam disinfectant.



(3) The methods employed for ensuring that the belongings of tenants are free from vermin before removal to Council Houses :— The dwellings, furniture and effects of all prospective Corporation tenants are inspected for evidence of vermin.

Six hours concentrated fumigation with Sulphur Dioxide (2.8% SO<sub>2</sub>) Gas kept circulating by means of Electric Fans.

(4) Whether the work of deinfestation is carried out by the Local Authority or by a Contractor :—All deinfestation is carried out by experienced men employed directly by the Local Authority.

Deinfestation of privately-owned and occupied property is not carried out by the Department. The services of a Sanitary Inspector are given in an advisory capacity, sprays being loaned free of charge, and insecticide sold at cost price.

### DISINFECTION OF PREMISES AND ARTICLES OF CLOTHING.

The following table shows the number of rooms disinfected and the number of articles of clothing removed and disinfected at Moor Park Hospital Disinfecting Station during the year.

Disease.							Rooms.	Articles of Clothing.
Diphtheria	...	...	...	...	...	...	10	110
Scarlet Fever	...	...	...	...	...	...	98	902
Tuberculosis	...	...	...	...	...	...	93	432
Vermin	...	...	...	...	...	...	59	337
Measles	...	...	...	...	...	...	—	26
Other Diseases	...	...	...	...	...	...	34	14
Total							294	1,821

### SEAMEN'S LODGING HOUSES.

There were three Seamen's Lodging Houses on the Register at the end of the year, containing a total of 59 beds. 23 visits were made during the year. The Chief Constable also made inspections during the year and reported his satisfaction.

### THEATRES, MUSIC HALLS, etc.

28 inspections were made in connection with ventilation, sanitation or cleanliness of cinemas. The Chief Constable, who is also Inspector of Public Buildings has had inspections made and has reported no complaints of defects or irregularities to this Department.

### RAG FLOCK ACT, 1911 AND 1928.

There were no samples obtained during the year.

### OFFENSIVE TRADES.

Regular inspections have been made on premises at which Offensive Trades are carried on, and the Regulations have been strictly enforced. A list of Offensive Trades registered in this Borough is given herewith :—

Tallow Melting	...	...	...	1
Fish Liver Boiling	...	...	...	1
Fish Meal Manufacture	...	...	...	1
Tripe Boiling	...	...	...	5
Fish Manure Manufacture	...	...	...	1
Gut Scraping	...	...	...	1
Fish and Potato Frying	...	...	...	30
				—
Total	...			40
				==

### INSPECTION AND TESTING OF DRAINS.

The total number of tests made during the year was 135 of which 68 were Smoke Tests, 35 Chemical Tests and 32 Water Tests. The drains and sanitary conveniences of new buildings are dealt with by the Borough Surveyor's Staff.

### HOUSING.

New dwellings erected under the Corporation Housing Scheme during the year :—

#### NEW HOUSES ERECTED DURING 1948.

(A) Total number of Houses Erected :—

(1) By the Local Authority	...	...	...	541
(2) By other Local Authorities	...	...	...	Nil.
(3) By other bodies or persons	...	...	...	53

(B) Houses erected with State Assistance under the Housing Acts (Included in A above).

(1) By the Local Authority :—

(a) For the purpose of Part II of the Act (1925)	Nil.
(b) Do. Part III do.	Nil.
(c) For other purposes	Nil.
(d) Housing Act, 1936	541

Additional to the foregoing are houses rebuilt after being totally destroyed by enemy action :—

(a) By Local Authority	...	...	...	Nil
(b) By other bodies or persons	...	...	...	33

The above information has been supplied by the Borough Surveyor.

#### I.—Inspection of Dwellinghouses during the Year.

(1) (a) Total number of dwellinghouses inspected for housing defects under Public Health or Housing Acts	...	...	...	...	791
(b) Number of inspections made for the purpose	...				1127
(2) (a) Number of dwellinghouses included under sub-head (1) above which were inspected and recorded under the Housing Consolidation Regulations, 1925-1932	...	...	...	...	65
(b) Number of inspections made for the purpose	...				110



(3) Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... ..	4
(4) Number of dwellinghouses (exclusive of those referred to under the preceding sub-head) found not to be in all respects, reasonably fit for human habitation ... ..	787

# **II.—Remedy of Defects during the Year without Service of Formal Notice.**

Number of defective dwellinghouses rendered fit in consequence of informal action by the Local Authority or their Officers ... ..	349
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# **III.—Action under Statutory Powers during the Year.**

## **(A) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.**

(1) Number of dwellinghouses in respect of which notices were served requiring repairs... ..	65
(2) Number of dwellinghouses which were rendered fit after service of formal notices :—	
(a) By Owners ... ..	28
(b) By Local Authority in default of Owners ...	4

## **(B) Proceedings under Public Health Acts.**

(1) Number of dwellinghouses in respect of which notices were served requiring defects to be remedied ...	722
(2) Number of dwellinghouses in which defects were remedied after service of formal notices :—	
(a) By Owners ... ..	120
(b) By Local Authority in default of Owners ...	95

## **(C) Proceedings under Sections 11 and 13 of the Housing Act, 1936.**

(1) Number of dwellinghouses in respect of which Demolition Orders were made ... ..	Nil.
(2) Number of dwellinghouses demolished in pursuance of Demolition Orders ... ..	Nil.

## **(D) Proceedings under Section 12 of the Housing Act, 1936.**

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ...	4
(2) Number of separate tenements or underground rooms in which Closing Orders were determined, the tenement or room having been rendered fit ... ..	Nil.



#### IV.—Overcrowding. Housing Act, 1936.

A revision of the position with regard to the state of overcrowding in the Borough was undertaken during 1948.

The over-all percentage of overcrowded properties is now shown to be 6.31% as compared with 9.53% in 1947, and 4.76% in 1939.

Details of the revised position are as follows :—

(a) Total number of separate occupiers				
in the Borough	...	...	...Corporation	4,019
			Private	15,075
				————— 19,094
(b) Total number of dwellings found				
to be overcrowded	...	...	...Corporation	684
			Private	521
				————— 1205
(c) Degree of Overcrowding.				
Corporation Properties (On bedroom standard only)	...			20.50%
Private Properties (On total room standard)	...	...		5.64%
Total Properties (1,205)	...	...	...	6.31%

Whilst the degree of overcrowding in Corporation properties appears to be high, it is to be borne in mind that the standard recognised by the Ministry of Health for Corporation Properties is higher than that used for the assessment of overcrowding in privately-owned properties, any sleeping accommodation likely to be provided in the living room in the former being excluded from the appropriate standard.

As a means of comparison, I submit details in respect of the overcrowding in the separate wards of the Borough as follows :—

Table "A" —Corporation Properties Only.

Table "B" —Private Properties only.

Table "C" —All Properties.

**TABLE "A"—CORPORATION PROPERTIES ONLY.**

Ward.	Uncrowded.	Overcrowded.	Total.	Percentages.
CHIRTON... ..	1048	264	1312	20.12
COLLINGWOOD... ..	813	20	833	2.40
CULLERCOATS ... ..	56	5	61	8.19
DOCKWRAY ... ..	75	15	90	16.66
LINSKILL ... ..	39	—	39	—
PERCY ... ..	1135	372	1507	24.68
PRESTON ... ..	21	3	24	12.50
TRINITY ... ..	7	1	8	12.50
TYNEMOUTH ... ..	141	4	145	2.75
TOTAL ...	3335	684	4019	20.50

**TABLE "B"—PRIVATE PROPERTIES ONLY.**

Ward.	Uncrowded.	Overcrowded.	Total.	Percentages.
CHIRTON... ..	1009	25	1124	2.22
COLLINGWOOD... ..	1439	81	1520	5.32
CULLERCOATS ... ..	1630	14	1644	0.85
DOCKWRAY ... ..	1848	118	1966	6.00
LINSKILL ... ..	1853	82	1935	4.23
PERCY ... ..	769	32	801	3.99
PRESTON ... ..	1873	34	1907	1.78
TRINITY ... ..	2107	119	2226	5.34
TYNEMOUTH ... ..	1936	16	1952	0.81
TOTAL ...	14554	521	15075	3.45

**TABLE "C"—ALL PROPERTIES.**

Ward.	Uncrowded.	Overcrowded.	Total.	Percentages.
CHIRTON... ..	2147	289	2436	11.86
COLLINGWOOD... ..	2252	101	2353	4.29
CULLERCOATS ... ..	1686	19	1705	1.11
DOCKWRAY ... ..	1923	133	2056	6.46
LINSKILL ... ..	1892	82	1974	4.15
PERCY ... ..	1904	404	2308	17.50
PRESTON ... ..	1894	37	1931	1.91
TRINITY ... ..	2114	120	2234	5.37
TYNEMOUTH ... ..	2077	20	2097	0.95
TOTALS ...	17889	1205	19094	6.31

A further Table "D" is given, as a means of comparison with previous Surveys.

**TABLE "D"—COMPARATIVE TABLE SHOWING PERCENTAGE OF OVERCROWDED PROPERTIES SINCE ORIGINAL SURVEY.**

Year.	Ward.	Un-crowded.	Over-crowded.	Totals.	Per-centages.
1938	CHIRTON ... ..	1876	109	1985	5.40
1939		1994	72	2066	3.48
1947		2021	400	2421	16.52
1948		2147	289	2436	11.86
1938	COLLINGWOOD ... ..	1335	134	1469	9.10
1939		1349	71	1420	5.00
1947		1615	136	1751	7.77
1948		2252	101	2353	4.29
1938	CULLERCOATS ... ..	1264	70	1334	5.30
1939		1323	32	1355	2.36
1947		1555	30	1585	1.89
1948		1686	19	1705	1.11
1938	DOCKWRAY ... ..	2019	352	2371	14.80
1939		2042	155	2197	7.06
1947		1799	191	1990	9.60
1948		1923	133	2056	6.46
1938	LINSKILL ... ..	2076	252	2328	10.80
1939		1910	101	2011	5.02
1947		1776	118	1894	6.23
1948		1892	82	1974	4.15
1938	PERCY ... ..	2020	78	2098	3.10
1939		2104	73	2177	3.35
1947		1708	520	2228	23.34
1948		1904	404	2308	17.50
1938	PRESTON ... ..	1627	72	1699	4.30
1939		1589	47	1636	2.87
1947		1804	57	1861	3.06
1948		1894	37	1931	1.91
1938	TRINITY ... ..	2098	347	2445	14.20
1939		2072	206	2278	8.16
1947		2029	209	2238	9.34
1948		2114	120	2234	5.37
1938	TYNEMOUTH ... ..	1046	58	1104	5.30
1939		1105	18	1123	1.60
1947		1810	37	1847	2.00
1948		2077	20	2097	0.95
1938	TOTALS... ..	15361	1472	16833	8.74
1939		15488	775	16263	4.76
1947		16117	1698	17815	9.53
1948		17889	1205	19094	6.31



**TABLE "E"—GENERAL SUMMARY.**

SIZE OF FAMILIES.				
	Up to 6½ Units	7 to 9 Units	9½ Units and Over	Totals
Private ...	400	101	20	521
Corporation ...	410	218	56	684
	810	319	76	1,205
395 "Large" Families.				

As will be seen from the General Summary (Table "E") above, there is a total of 1,205 properties overcrowded in the Borough at the present time, as against the figure of 1,698 presented in my last report. This shows a decrease of 493 overcrowded dwellings, the actual abatement having been mainly in respect of overcrowding in the smaller groups, as a result of their re-housing having been achieved in new houses erected on Corporation Housing Estates. I would point out, however, that there is little difference in the position with regard to the larger groups, as the types of houses available up to the present have in no way been suitable for the alleviation of their overcrowding.

Of the total number of properties shown to be overcrowded, 264 are occupied by two or more families. Bearing in mind the Council's present commitments with regard to the erection of new houses, satisfactory arrangements could be made to accommodate one or other of these families, together with those families in the smaller of the three groups shown above, by means of the interchange system adopted with success in past years.

In order to attempt an assessment of the requirements of the larger overcrowded families, I have deducted the 264 properties from the general summary, on the assumption that these cases will be dealt with under the Council's "points" scheme, and without any specific new building. An analysis of the remaining 941 overcrowded separately occupied properties shows the following degree of overcrowding:—

**TABLE "F".**

SIZE OF FAMILIES.				
	Up to 6½ Units	7 to 9 Units	9½ Units and over	Totals
Private ...	375	96	15	486
Corporation ...	293	134	28	455
	668	230	43	941
273 "Large" Families.				

A similar analysis made in 1947 showed that there were 293 "large" families overcrowded. It will be seen, therefore, that the position in regard to these families does not show any marked degree of alleviation, and unless there is specific building, the overcrowding position, particularly in relation to such groups, will tend to deteriorate with the passage of time.

## INSPECTION AND SUPERVISION OF FOOD.

### MILK SUPPLIES.

There were 9 Cowkeepers with 17 cowsheds housing 180 cows on the Register at the end of the year, 3 of whom are Licensed producers of "Accredited" Milk, and 1 Licensed producer of "Tuberculin Tested" Milk.

During the year, Veterinary Inspectors of the Ministry of Agriculture and Fisheries examined the herds of 1 Tuberculin Tested Producer on three occasions, 1 "Accredited" Producer on two occasions and 2 "Accredited" Producers on single occasions.

68 visits were made to cowsheds and 241 visits were made to dairies, milk shops, etc., and all infringements of the Milk and Dairies Acts and Orders were dealt with satisfactorily. One prosecution was instituted for an offence under Section 31(2) of the Milk and Dairies Order 1926. The retail dairyman and his two assistants being fined the sum of £2 and £1 each respectively, for the filling of bottles in the street.

Consignments of milk coming into the Borough by road or rail and the conditions of the empty churns returned received attention. The keeping qualities of milk from certain outside sources has seriously deteriorated due to difficulties both in production and transport.

### Milk Retailers.

Applications for registration received	...	...	...	3
Applications for registration granted	...	...	...	3
Number of Milk Dealers on the Register	...	...	...	124
Dairy premises registered during the year	...	...	...	Nil.
Producers and cowkeepers, wholesale dealers, registered during 1948	...	...	...	Nil.
Applications withdrawn	...	...	...	Nil.
Retailers relinquishing registration	..	...	...	3

### MILK (SPECIAL DESIGNATIONS) ORDER.

The following table gives the various grades for which licences were granted :—

Dealers' Licences to sell Tuberculin Tested Milk	...	2
Supplementary Licences to sell Tuberculin Tested Milk...	...	4
Producers' Licences for Tuberculin Tested Milk	...	1
Producers' Licences for Accredited Milk	...	3



Supplementary Licences for Accredited Milk	...	...	Nil.
Dealers' Licences to sell Accredited Milk	...	...	Nil.
Dealers' Licences to sell Pasteurised Milk	...	...	9
Supplementary Licences to sell Pasteurised Milk...	...	...	1
Dealers' Licences to bottle Tuberculin Tested Milk	...	...	5
Dealers' Licences to bottle Accredited Milk	...	...	Nil.

### MILK SAMPLES FOR BACTERIOLOGICAL EXAMINATION.

During the year 57 samples of Milk were taken for examination and submitted to the Public Health Laboratories at Newcastle, and Ponteland. Of the total samples taken 33 were from sources within the Borough and 24 from outside. In addition 4 samples of Pasteurised Milk were submitted to the Public Analyst for the Phosphatase Test.

Of the above, 41 samples were examined for Tubercle Bacilli, one of which gave positive results. Appropriate action was taken under the Tuberculosis Orders 1925/1938 in this case.

The following table sets out the details of the examinations carried out.

### RESULTS OF BACTERIOLOGICAL EXAMINATIONS OF MILK.

			<i>Total.</i>	<i>Passed.</i>	<i>Failed.</i>
Accredited Milk.	Methylene Blue Test	...	14	11	3
	Coliform Test	...	14	13	1
	Tubercle Test	...	14	13	1
Pasteurised Milk.	Methylene Blue Test	...	4	4	—
	Coliform Test	...	—	—	—
	Tubercle Test	...	2	2	—
	Phosphatase Test	...	4	4	—
Ordinary Milk.	Methylene Blue Test	...	26	21	5
	Coliform Test	...	26	21	5
	Tubercle Test	...	24	24	—
Tuberculin Tested Milk.	Methylene Blue Test	...	10	9	1
	Coliform Test	...	10	9	1
	Tubercle Test	...	5	5	—
Goats Milk.'	Methylene Blue Test	...	4	—	4
	Coliform Test	...	4	1	3
Total Graded Milks			85	71	14
Total Ordinary Milks			76	66	10
Total Tests Made			161	137	24

The producers of unsatisfactory samples in this area were visited, cautioned and given advice, whilst those outside the area were notified, together with the Local Authorities concerned.

### BACTERIOLOGICAL EXAMINATION OF ICE-CREAM.

Provisional standards were suggested in March 1948 by the Ministry of Health. At the moment, however, whilst these standards have not



been legally adopted, they do furnish valuable information as to the relative purity of this commodity.

All samples are subjected to the Methylene Blue Test similar to that applied to Milk samples. It is suggested by the Ministry that over any six month period 50% of a vendor's samples should fall into Grade 1 ; 80% into Grades 1 or 2 ; and not more than 20% into Grade 3 ; and none at all in Grade 4.

During the year a total of 54 samples were examined and graded, details of which are given below :—

	Grade I	Grade II	Grade III	Grade IV	Totals.
Ice-cream sold by Producers ...	15	6	9	12	42
Ice-cream Pre-packed and sold by Retailers ...	5	5	1	1	12

It is to be expected that certain unsatisfactory samples will be obtained until such time as manufacturers receive the full equipment necessary to produce Ice-Cream which will comply with the higher standards now required, or until they become more conversant with the use of their existing equipment.

#### **TYNEMOUTH CORPORATION ACTS, 1916-1934.**

Regulations made under the Acts are in force, and no persons are permitted to use premises for the preparation of food unless they are registered by the Local Authority, who have power to refuse registration if, in their opinion, the premises are unsatisfactory.

There were 103 persons in the Borough registered as occupiers of premises in which Ice-Cream is sold or manufactured. 112 persons are registered as owners or occupiers of premises in which Preserved Meat, Fish Cakes, or other foods are prepared. These figures do not include premises used for the business of Fish and Potato Frying.

470 visits were made during the year to supervise and emphasise the need for cleanliness in the handling of food. No serious negligence was discovered.

### **FOOD AND DRUGS.**

#### **MILK AND CREAM REGULATIONS, 1912-1927.**

- (1) Milk and Cream not sold as Preserved Cream. The following samples were examined for the presence of a preservative : Milk 109 ; Cream Nil ; and Tinned Cream Nil. No preservatives were reported to be present in any of the foregoing samples.

- (2) Thickening Substances. No evidence was found during the year of any addition of thickening substances to Cream.

### ARTIFICIAL CREAM ACT, 1929.

There were no samples taken under this Act during the year.

### FOOD AND DRUGS ACT, 1938.

The following table sets out the comparative adulterated samples found during the past five years.

Year.	TOTAL SAMPLES.			MILK SAMPLES.		
	Number Examined.	Number Adulterated.	Percentage Adulterated.	Number Examined	Number Adulterated.	Percentage Adulterated.
1944	239	5	2.09	98	5	5.10
1945	216	5	2.31	113	2	1.06
1946	181	20	11.05	97	8	8.24
1947	205	12	5.85	70	9	12.86
1948	292	12	4.25	109	8	7.34

Details of samples taken during 1948 are set out in Table I.

## SAMPLES TAKEN FOR CHEMICAL ANALYSIS.

TABLE I.

Articles Analysed.	Total.	No. of Samples taken for Analysis.		No. found to be Adulterated.		Percentages of Samples Adulterated.	
		Infor-mal.	For-mal.	Infor-mal.	For-mal.	Infor-mal.	Formal.
Almond Essence ...	1	1	—	—	—	—	—
Baking Powder ...	4	4	—	—	—	—	—
Banana Flavouring ...	1	1	—	—	—	—	—
Bicarbonate of Soda ...	2	2	—	—	—	—	—
Boracic Ointment ...	6	5	1	2	—	40.0	—
Boracic Powder ...	2	2	—	—	—	—	—
Borax ...	1	1	—	—	—	—	—
Butter ...	7	7	—	—	—	—	—
Cake Mixture ...	2	2	—	—	—	—	—
Camphorated Oil ...	3	3	—	—	—	—	—
Carbonate of Magnesia ...	1	1	—	—	—	—	—
Castor Oil ...	6	6	—	—	—	—	—
Cheese ...	6	6	—	—	—	—	—
Chicken Broth ...	2	2	—	—	—	—	—
Chocolate Cup ...	1	1	—	—	—	—	—
Cocoa ...	1	1	—	—	—	—	—
Coffee ...	1	1	—	—	—	—	—
Coffee and Chicory Essence ...	1	1	—	—	—	—	—
Cooking Fat ...	1	1	—	—	—	—	—
Cream of Tartar ...	1	1	—	—	—	—	—
Cremola Pudding ...	1	1	—	—	—	—	—
Date Sponge Pudding ...	1	1	—	—	—	—	—
Epsom Salts ...	3	3	—	—	—	—	—
Fish Cakes ...	4	3	1	1	—	33.33	—
Fish Pastes (Various) ...	32	32	—	—	—	—	—
Fruit Sauce ...	1	1	—	—	—	—	—
Gelatine ...	2	2	—	—	—	—	—
Gravy Browning ...	1	1	—	—	—	—	—
Gravy Salt ...	2	2	—	—	—	—	—
Gregory Powder ...	3	3	—	—	—	—	—
Greengage Jam ...	1	1	—	—	—	—	—
Ground Ginger ...	3	3	—	—	—	—	—
Glycerine ...	5	5	—	—	—	—	—
Glycerine, Lemon & Ipec. ...	1	1	—	—	—	—	—
Horse Radish Sauce ...	1	1	—	—	—	—	—
Junket ...	1	1	—	—	—	—	—
Lard ...	6	6	—	—	—	—	—
Lemon Flavouring ...	2	2	—	—	—	—	—
Lemonade Crystals ...	1	1	—	—	—	—	—
Licquorice Powder ...	1	1	—	—	—	—	—
Milk, New ...	106	6	100	—	8	—	8.00
„ Pasteurised ...	2	—	2	—	—	—	—
„ Sterilised ...	1	—	1	—	—	—	—
„ Evaporated ...	2	2	—	—	—	—	—
„ Full Cream Sweetened ...	5	5	—	—	—	—	—



TABLE I.—*Continued.*

Articles Analysed.	Total.	No. of Samples taken for Analysis.		No. found to be Adulterated.		Percentages of Samples Adulterated.	
		Informal.	Formal.	Informal.	Formal.	Informal.	Formal.
<i>Continued—</i>							
Milk Full Cream Unsweetened ...	1	1	—	—	—	—	—
Mixed Spice ...	5	5	—	—	—	—	—
Mustard ...	4	4	—	—	—	—	—
Margarine ...	8	8	—	—	—	—	—
Marmalade ...	1	1	—	1	—	100.0	—
McLean's Stomach Powder ...	2	2	—	—	—	—	—
Olive Oil ...	1	1	—	—	—	—	—
Pepper ...	4	4	—	—	—	—	—
Synthetic Cochineal ...	1	1	—	—	—	—	—
Sulphur Ointment ...	1	1	—	—	—	—	—
Sugar ...	1	1	—	—	—	—	—
Seidlitz Powder ...	1	1	—	—	—	—	—
Sauce ...	1	1	—	—	—	—	—
Semolina ...	2	2	—	—	—	—	—
Sago ...	1	1	—	—	—	—	—
Tomato Soup Powder ...	1	1	—	—	—	—	—
Tomato Sauce ...	1	1	—	—	—	—	—
Table Jelly ...	2	2	—	—	—	—	—
Vanilla Essence ...	1	1	—	—	—	—	—
Veg. Soups (Mixed) ...	2	2	—	—	—	—	—
Vinegar ...	4	4	—	—	—	—	—
Whalemeat Sausage ...	1	1	—	—	—	—	—
Zinc Ointment ...	6	5	1	—	1	—	100.0
Zinc and Castor Oil Cream ...	2	2	—	—	—	—	—
TOTALS...	292	186	106	3	9	1.61	8.49

The Chemical Analyses of the foregoing samples were carried out by the Public Analyst to the County Borough of Tynemouth Corporation, Mr. W. Gordon Carey, 10, Dean Street, Newcastle upon Tyne.

## PARTICULARS OF ADULTERATED SAMPLES.

TABLE II.

No.	Article.	Defect.	Action Taken.
1	Zinc Ointment	Deficient in Zinc Oxide to the extent of 5.3%	Letter of caution to Manufacturer.

TABLE II.—*Continued.*

No.	Article.	Defect.	Action Taken.
46	New Milk ...	Deficient in Milk Fat to the extent of 5.5% and in Non-Fatty Solids 4.5%	Letter of caution to the retailer. Follow-up Sample 47 Satisfactory.
57	New Milk ...	Deficient in Milk Fat to the extent of 8.3%.	Letter of caution to Producer. Follow-up Sample 61 Genuine.
63	Fish Cakes	Deficient in Fish Content to the extent of 10.5%.	Letter of caution to Manufacturer. Follow-up Sample 115 Genuine.
89	New Milk ...	Deficient in Non-Fatty Solids to the extent of 4.0%.	Letter of caution to the Farmer.
91	New Milk ...	Deficient in Milk Fat to the extent of 11.3%.	Letter of caution to the Farmer.
93	New Milk ...	Deficient in Non-Fatty Solids to the extent of 3.0%.	Letter of caution to Farmer. Follow-up Sample 97 Genuine.
108	Boracic Ointment	Deficient in Boric Acid to the extent of 0.82%.	Letter of caution to Manufacturer.
157	New Milk ...	Deficient in Milk Fat to the extent of 13.3% and in Non-Fatty Solids to 4.2%.	Letter of caution to Farmer.
165	New Milk ...	Deficient in Milk Fat to the extent of 30.0% and in Non-Fatty Solids to 4.8%.	Letter of caution to Farmer.
166	New Milk ...	Deficient in Milk Fat to the extent of 3.0% and in Non-Fatty Solids to 1.7%.	Letter of caution to Farmer.
173	Marmalade	Contaminated by 0.06 gramme of glass.	Letter of caution to Retailer.

**PUBLIC HEALTH (CONDENSED MILK) REGULATIONS, 1923-1927.**

There were 8 samples examined during the year under these regulations.

**PUBLIC HEALTH (DRIED MILK) REGULATIONS 1923-1927.**

No samples were taken under these regulations during the year.

**PUBLIC HEALTH (PRESERVATIVES IN FOOD) REGULATIONS, 1925-1927.**

292 samples were examined during the year, and in no case was any infringement of the regulations discovered.



## INSPECTION OF MEAT AND OTHER FOODS.

### Slaughterhouses.

There now remain 14 private slaughterhouses, which are subject to annual Licence. Since the operation of the Livestock (Restrictions on Slaughtering) Order 1940, all slaughtering is now centralised at Whitley Bay under Government Control, and deliveries of meat are made direct to the butchers' shops.

36 cases of special slaughter of pigs for home consumption were authorised under a Licence by the Ministry of Food, and the carcasses and organs were inspected.

### Inspection of Meat.

173 visits were made to butchers' shops. There are no open stalls used for the sale of meat.

### SWINE FEVER.

Six cases of suspected Swine Fever were reported to the Ministry. The outbreaks were confirmed by the Veterinary Inspectors, and resulted in the slaughter and destruction of 33 pigs.

### WHALEMEAT.

Landings of Whalemeat during the season show an increase upon that of last year, as follows:—

#### Landings made direct from the Fishing Grounds.

1947	... 7 Landings	... 1,211 cwts.	... ..	£7,846
1948	... 29 Landings	... 5,775 cwts.	... ..	£86,204

#### Imported from Norway and landed at Fish Quay ex Norwegian Carriers.

1947	... Nil Landings	... Nil cwts.
1948	... 2 Landings	... 3,829 cwts.

### FISH.

During the season, a large number of boats were engaged in herring fishing, and the catches were usually landed and dealt with the same day. All catches were dealt with at the Corporation Fish Quay, and the quality of the fish landed, has been well maintained.

Mr. J. Coxon Fry, Quay Master, has kindly placed at my disposal the following figures showing the volume and value of the trade in fish during the year, together with the figures shown above in regard to Whalemeat.

#### Landings Made direct from the Fishing Grounds.

White Fish	... 1,489 landings	... 380,092 cwts.	... £881,592
Herring (Drift Net)	3,804 ,,	... 142,232 ,,	... £165,336



**Imported from Norway and landed at Fish Quay ex Norwegian Carriers.**

White Fish ...	...	30 cargoes	...	43,615 cwts.
Herring ...	...	11 „	...	72,010 „

**TOTAL AMOUNT OF UNSOUND FOOD CONDEMNED.**

Food.	Tons.	Cwts.	Qtrs.	Lbs.	Ozs.
Pork * ... ..	1	6	3	21	—
Poultry ... ..	—	—	1	16	—
Whalemeat ... ..	—	—	3	26	—
Rabbits ... ..	—	—	—	14	—
Bacon ... ..	—	—	1	12	6
Blackberry Pulp ... ..	1	—	—	18	—
Butter ... ..	—	2	1	7	13½
Sugar ... ..	—	1	1	18	—
Yeast ... ..	—	1	—	22	12
Fish ... ..	31	4	3	4	8
Shellfish ... ..	1	9	1	25	—
Tinned Meat ... ..	3	15	—	23	8¾
Tinned Fish ... ..	—	3	2	14	—
Tinned Milk ... ..	—	4	3	11	3½
Tinned Goods ... ..	—	15	1	10	6¼
Miscellaneous Groceries ... ..	1	1	3	25	14¾
<b>TOTAL ... ..</b>	<b>41</b>	<b>9</b>	<b>—</b>	<b>18</b>	<b>8¾</b>

\* Includes 33 Pig carcasses affected with Swine Fever.

**SWIMMING BATHS.**

There are two open-air swimming pools in the Borough.

- (1) **Tynemouth Bathing Pool** :—The sea water is subject to continuous filtration and chlorination treatment. 2 samples taken for Bacteriological examination were found satisfactory.
- (2) **Hawkey's Lane Swimming Baths** :—Previously a salt water bath, a change to fresh water was made at the beginning of the 1947 season. The water is subject to chlorination by the addition of a chlorinating agent. 5 samples were taken during the year four of which proved unsatisfactory, and until the installation of a continuous filtration and chlorination plant, no improvement is to be expected.

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